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QC/QA BITUMINOUS
SUPERPAVE PROJECT

FAU 6793

ENGINEERING DIVISION
CITY OF GALESBURG, ILLINOIS

PLANS FOR PROPOSED NORTH BROAD STREET BRICK RECONSTRUCTION

FED PROJ # TE-00D4(097)

PROJECT LIMITS: NORTH BROAD STREET FROM LOSEY STREET TO FREMONT STREET

SECTION NUMBER: 06-00447-12-PV

T 11N, R 1E, S 10 OF THE 4th P.M.

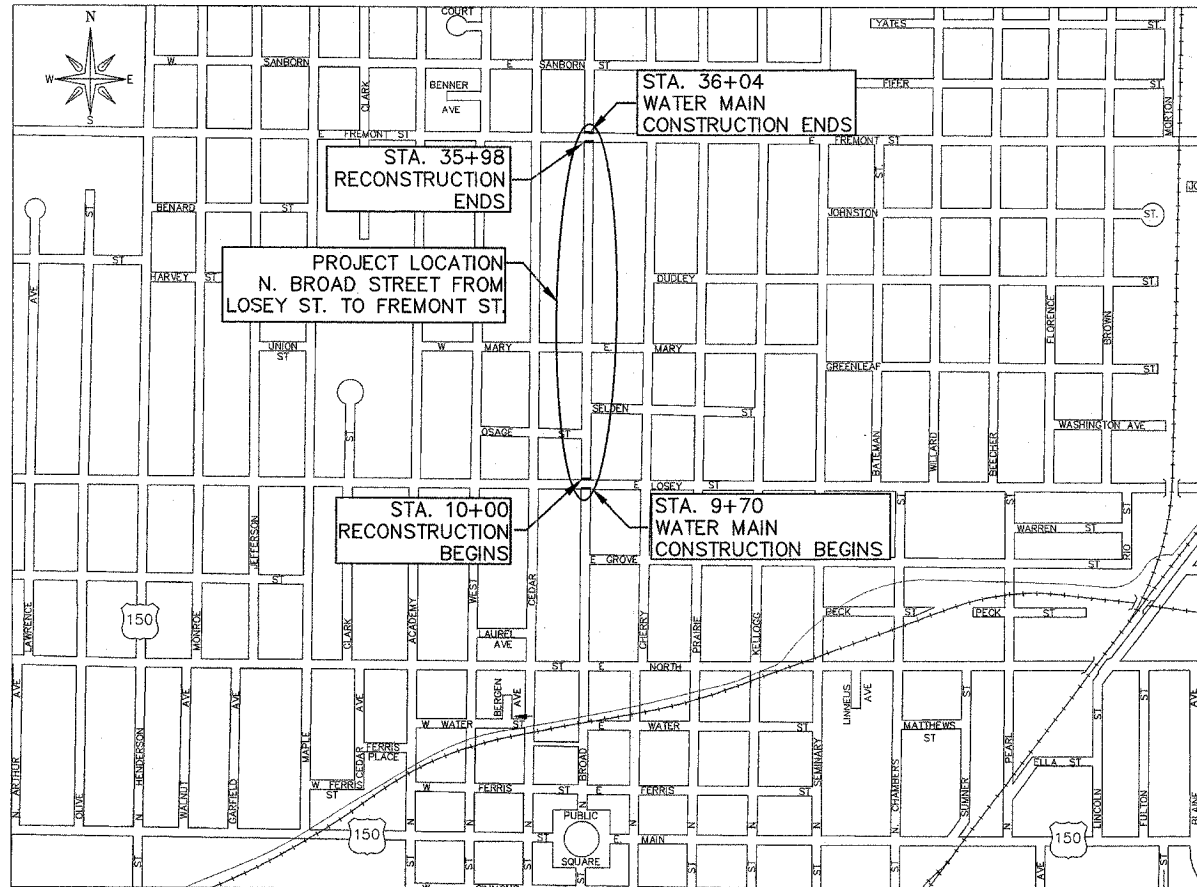
SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	1

SUMMARY OF QUANTITIES

* SEE SHEET 2

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
602301-01	INLET TYPE A
602306-01	INLET TYPE B
602401-01	MANHOLE TYPE A
602406-02	MANHOLE TYPE A 6' DIAMETER
602601-01	PRECAST REINF. CONC. FLAT SLAB TOP
604001-02	FRAMES & LIDS TYPE 1
604006-02	FRAME & GRATE TYPE 3
606001-03	COMB. CONC. CURB AND GUTTER
701606-04	URBAN LANE CLOSURE, MULTILINE, 2W WITH MOUNTABLE MEDIAN
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-04	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUTS FOR DETECTION LOOPS
BLR 10-5	PCC PAVEMENT SPECIAL (NON-REINFORCED)



GENERAL LOCATION MAP
NOT TO SCALE

LENGTH OF PROJECT FOR WATER MAIN CONSTRUCTION = 2,634.0 FT = 0.499 MILE
LENGTH OF PROJECT FOR BRICK PAVEMENT RECONSTRUCTION = 2,598.0 FT = 0.492 MILE

PROJECT DESCRIPTION

THIS PROJECT INCLUDES REMOVAL OF THE EXISTING BRICK PAVEMENT ALONG WITH THE PCC BASE COURSE AND CURB AND GUTTER, AND REPLACEMENT WITH 18" CURB AND GUTTER, 4" TYPE B AGGREGATE SUBBASE, 8" PCC BASE COURSE, AND A BRICK WEARING SURFACE UTILIZING THE SALVAGED BRICK PAVERS. ALSO INCLUDED IN THIS PROJECT IS THE REPLACEMENT OF ALL DRIVEWAY APPROACHES, REPLACEMENT OF THE WATER MAIN AND LEAD WATER SERVICE LINES, INSTALLATION OF STORM SEWER AND LATERALS IN VARIOUS LOCATIONS, AND SIDEWALK REPLACEMENTS AS NEEDED.

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ENGINEERING DIVISION
CITY OF GALESBURG ILLINOIS

APPROVED WEC 2007

Wayne E. Carl
LOCAL AGENCY REPRESENTATIVE

PASSED 1/12 2007

John LaSalle
DISTRICT 4 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW 1/12 2007

J.E. Aune
DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TITLE SHEET

N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



JOB # C-94-029-07
CONTRACT # 89456


SUMMARY OF QUANTITIES

PAY CODE	PAY ITEM	UNITS	80%/20% IDOT/CITY FUNDING QUANTITY Y068	100% CITY FUNDING QUANTITY 100% LOCAL	TOTAL QUANTITY
20800150	TRENCH BACKFILL	CU YD	274.0	2,131.0	2,405.0
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	10,768.0	0.0	10,768.0
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	10,768.0	0.0	10,768.0
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	9,710.0	129.0	9,839.0
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	26.0	7.0	33.0
40603335	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	42.0	11.0	53.0
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	997.0	0.0	997.0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5,196.0	1,680.0	6,876.0
42400460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL	SQ FT	210.0	0.0	210.0
42400800	DETECTABLE WARNINGS	SQ FT	88.0	0.0	88.0
44000100	PAVEMENT REMOVAL	SQ YD	38.0	129.0	167.0
44000159	HOT MIX ASPHALT SURFACE REMOVAL, 2.5'	SQ YD	372.0	0.0	372.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	745.0	0.0	745.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,127.0	0.0	5,127.0
44000600	SIDEWALK REMOVAL	SQ FT	5,316.0	1,680.0	6,996.0
44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	9,380.0	0.0	9,380.0
55080050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	770.0	0.0	770.0
55080090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	219.0	0.0	219.0
55080120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	188.0	0.0	188.0
* 56100600	PVC WATER MAIN 6"	FOOT	0.0	313.0	313.0
* 56100700	PVC WATER MAIN 8"	FOOT	0.0	2,631.0	2,631.0
* 56104900	WATER VALVES 6"	EACH	0.0	12.0	12.0
* 56105000	WATER VALVES 8"	EACH	0.0	6.0	6.0
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	0.0	7.0	7.0
* 56400600	FIRE HYDRANTS	EACH	0.0	7.0	7.0
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6.0	0.0	6.0
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1.0	0.0	1.0
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1.0	0.0	1.0
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	25.0	0.0	25.0
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	7.0	0.0	7.0
60241800	INLETS, TYPE G-1	EACH	2.0	0.0	2.0
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1.0	0.0	1.0
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8.0	0.0	8.0
60500040	REMOVING MANHOLES	EACH	1.0	0.0	1.0
60500060	REMOVING INLETS	EACH	13.0	0.0	13.0
60604400	COMBINATION CONCRETE CURB AND GUTTER, TB6, 18"	FOOT	5,127.0	0.0	5,127.0
67100100	MOBILIZATION	L. SUM	0.8	0.2	1.0
70101700	TRAFFIC CONTROL AND PROTECTION	L. SUM	0.8	0.2	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	505.0	0.0	505.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	168.0	0.0	168.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	16.0	0.0	16.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	128.0	0.0	128.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	185.0	0.0	185.0
* 78000500	THERMOPLASTIC PAVEMENT MARKING-LINE 8"	FOOT	64.0	0.0	64.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	48.0	0.0	48.0
* 78001100	PAINT PAVEMENT MARKINGS-LETTERS AND SYMBOLS	SQ FT	47.0	0.0	47.0
* 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	1,298.0	0.0	1,298.0
* 78001140	PAINT PAVEMENT MARKING-LINE 8"	FOOT	137.0	0.0	137.0
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	348.0	0.0	348.0
Δ 20013798	CONSTRUCTION LAYOUT	L. SUM	1.0	0.0	1.0
Δ 20076600	TRAINEES	HOURS	500.0	0.0	500.0
K1005863	TREE ROOT PRUNING	EACH	11.0	0.0	11.0
K1005881	TREE TRUNK PROTECTION	EACH	2.0	0.0	2.0
XX002873	BRICK SIDEWALK REMOVAL	SQ FT	584.0	0.0	584.0
* XX003345	WATER MAIN ENCASEMENT	FOOT	0.0	665.0	665.0
* X0323171	DI WM BEND 45 6"	EACH	0.0	1.0	1.0
* X0323185	DI WAT MN TEE, 6X6	EACH	0.0	1.0	1.0
* X0323186	DI WAT MN TEE, 8X6	EACH	0.0	14.0	14.0
* X0469600	CONNECTION TO EXISTING WATER MAIN	EACH	0.0	5.0	5.0
XX006791	BRICK DRIVEWAY PAVEMENT	SQ YD	84.0	0.0	84.0
XX006792	BRICK DRIVEWAY REMOVAL	SQ YD	79.0	0.0	79.0
XX006793	BRICK SIDEWALK	SQ FT	385.0	0.0	385.0
XX006794	BRICK WEARING SURFACE	SQ YD	9,671.0	0.0	9,671.0
XX006795	CONCRETE HEADER	EACH	6.0	0.0	6.0
* XX006796	DI WM BEND 90 6"	EACH	0.0	6.0	6.0
* XX006797	SERVICE CONNECTION & CURB STOP, SHORT SIDE, TYPE 1	EACH	0.0	46.0	46.0
* XX006798	SERVICE CONNECTION & CURB STOP, LONG SIDE, TYPE 1	EACH	0.0	9.0	9.0
* XX006799	SERVICE CONNECTION & CURB STOP, LONG SIDE, TYPE 2	EACH	0.0	30.0	30.0
* XX006800	LEAD WATER SERVICE REPLACEMENT	FOOT	0.0	1,650.0	1,650.0
* XX006801	GALVANIZED WATER SERVICE REPLACEMENT	FOOT	0.0	900.0	900.0
* XX006802	METER CONNECTION	EACH	0.0	75.0	75.0
* XX006803	EARTH EXCAVATION & EMBANKMENT	L. SUM	1.0	0.0	1.0
* XX006804	D. I. TAPPING SLEEVE & VALVE 6X6	EACH	0.0	1.0	1.0

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	2

Δ Y080
* SPECIALTY ITEM

SUMMARY OF QUANTITIES
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



ALESBURG, ILLINOIS
Proud Past • Strong Future

SCHEDULE OF QUANTITIES

(FOR ROAD AND STORM SEWER CONSTRUCTION ONLY. FOR WATER MAIN QUANTITIES, SEE SHEET 44)

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	3

#4001785 EARTH EXCAVATION & EMBANKMENT

NOTE: APPROXIMATE QUANTITIES
(FOR INFORMATION ONLY)
SHRINKAGE FACTOR = 20%

STAGE 1 = 289.9 CY CUT, 0.0 CY ADJ FILL
STAGE 2 = 71.5 CY CUT, 28.6 CY ADJ FILL
STAGE 3 = 161.3 CY CUT, 0.8 CY ADJ FILL
STAGE 4 = 98.5 CY CUT, 6.3 CY ADJ FILL
STAGE 5 = 78.4 CY CUT, 21.0 CY ADJ FILL

STA. 10+00 - 35+35 1.0 L.SUM
TOTAL 1.0 L.SUM

20800150

TRENCH BACKFILL

STA. 12+55 RT	3.4 CU YD
STA. 12+55 LT	1.2 CU YD
STA. 12+57 - 13+51 LT	19.5 CU YD
STA. 13+10 LT	3.5 CU YD
STA. 13+32 - 13+40 LT	1.0 CU YD
STA. 13+37 - 13+51 RT	2.2 CU YD
STA. 13+41 - 13+54 LT	3.0 CU YD
STA. 13+53 RT	5.0 CU YD
STA. 13+54 - 13+71 LT	3.9 CU YD
STA. 13+56 - 14+84 LT	14.9 CU YD
STA. 13+72 - 13+82 LT	1.5 CU YD
STA. 14+86 RT	3.2 CU YD
STA. 14+86 LT	1.1 CU YD
STA. 14+87 - 15+20 RT	3.6 CU YD
STA. 14+88 - 15+47 LT	7.0 CU YD
STA. 15+43 - 15+49 LT	1.1 CU YD
STA. 15+43 - 15+55 LT	2.3 CU YD
STA. 15+49 - 15+60 RT	2.6 CU YD
STA. 15+63 - 15+77 RT	2.1 CU YD
STA. 22+38 LT	1.5 CU YD
STA. 22+38 RT	4.6 CU YD
STA. 24+12 - 26+29 LT	67.8 CU YD
STA. 26+31 LT	1.8 CU YD
STA. 26+31 RT	4.2 CU YD
STA. 28+30 LT	2.0 CU YD
STA. 28+30 RT	4.4 CU YD
STA. 30+13 - 31+32 LT	33.5 CU YD
STA. 31+33 RT	4.4 CU YD
STA. 31+33 LT	1.7 CU YD
STA. 34+65 RT	3.4 CU YD
STA. 34+65 LT	1.8 CU YD
STA. 34+67 - 36+02 LT	60.5 CU YD
TOTAL	274.0 CU YD

21001000

GEOTECH FAB F/GR STAB

STA. 10+00 - 35+35	10,703.3 SQ YD
STA. 15+20 - 15+66 RT	31.9 SQ YD
STA. 19+80 - 20+20 LT	16.6 SQ YD
STA. 19+83 - 20+25 RT	16.5 SQ YD
TOTAL	10,768.0 SQ YD

31101200

SUB GRAN MAT B 4

STA. 10+00 - 35+35	10,703.3 SQ YD
STA. 15+20 - 15+66 RT	31.9 SQ YD
STA. 19+80 - 20+20 LT	16.6 SQ YD
STA. 19+83 - 20+25 RT	16.5 SQ YD
TOTAL	10,768.0 SQ YD

35300300

PCC BASE COURSE B

STA. 10+00 - 35+35	9,576.7 SQ YD
STA. 13+32 - 13+79 LT	7.6 SQ YD
STA. 15+20 - 15+66 RT	38.4 SQ YD
STA. 19+80 - 20+20 LT	25.1 SQ YD
STA. 19+83 - 20+25 RT	23.4 SQ YD
STA. 35+35 - 36+04 LT	38.3 SQ YD
TOTAL	9,710.0 SQ YD

40600625

LEV BIND MM N50

STA. 9+95 - 10+00	1.2 TDN
STA. 13+37 - 13+76 LT	1.0 TDN
STA. 15+27 - 15+58 RT	3.6 TDN
STA. 19+83 - 20+09 LT	0.8 TDN
STA. 19+91 - 20+18 RT	0.8 TDN
STA. 35+35 - 35+98	18.2 TDN
TOTAL	26.0 TDN

40603335

HMA SC 'D' N50

STA. 9+95 - 10+00	1.7 TDN
STA. 13+37 - 13+76 LT	3.1 TDN
STA. 15+27 - 15+58 RT	5.4 TDN
STA. 19+83 - 20+09 LT	1.2 TDN
STA. 19+91 - 20+18 RT	1.2 TDN
STA. 35+35 - 35+98	29.1 TDN
TOTAL	42.0 TDN

42300200 PCC DRIVEWAY PAVT 6

STA. 11+29 RT	15.5 SQ YD
STA. 11+41 LT	17.9 SQ YD
STA. 11+73 RT	15.2 SQ YD
STA. 12+15 LT	13.8 SQ YD
STA. 12+41 RT	15.0 SQ YD
STA. 13+00 RT	20.0 SQ YD
STA. 13+00 LT	14.7 SQ YD
STA. 13+73 RT	15.0 SQ YD
STA. 14+41 RT	14.8 SQ YD
STA. 15+00 LT	14.5 SQ YD
STA. 15+65 LT	14.3 SQ YD
STA. 16+29 LT	14.5 SQ YD
STA. 17+06 RT	15.5 SQ YD
STA. 17+60 LT	16.2 SQ YD
STA. 17+71 RT	14.8 SQ YD
STA. 18+36 RT	15.2 SQ YD
STA. 18+98 LT	20.4 SQ YD
STA. 19+00 RT	15.0 SQ YD
STA. 20+91 LT	14.8 SQ YD
STA. 21+42 LT	14.5 SQ YD
STA. 21+93 RT	15.0 SQ YD
STA. 22+10 LT	14.5 SQ YD
STA. 22+54 RT	21.2 SQ YD
STA. 22+87 LT	14.5 SQ YD
STA. 23+54 LT	14.7 SQ YD
STA. 23+75 RT	20.5 SQ YD
STA. 24+09 LT	14.5 SQ YD
STA. 24+38 RT	14.8 SQ YD
STA. 24+93 RT	15.0 SQ YD
STA. 25+21 LT	14.7 SQ YD
STA. 25+42 RT	15.0 SQ YD
STA. 26+09 RT	14.7 SQ YD
STA. 26+18 LT	14.5 SQ YD
STA. 26+76 RT	14.7 SQ YD
STA. 26+87 LT	14.7 SQ YD
STA. 27+40 RT	14.7 SQ YD
STA. 27+89 LT	14.5 SQ YD
STA. 28+03 RT	14.0 SQ YD
STA. 28+44 LT	14.5 SQ YD
STA. 28+71 RT	14.5 SQ YD
STA. 28+95 LT	15.0 SQ YD
STA. 29+36 RT	14.8 SQ YD
STA. 29+50 LT	15.8 SQ YD
STA. 30+00 RT	15.0 SQ YD
STA. 30+00 LT	19.3 SQ YD
STA. 30+58 LT	19.7 SQ YD
STA. 30+65 RT	14.7 SQ YD
STA. 31+24 RT	15.3 SQ YD
STA. 31+62 LT	19.8 SQ YD
STA. 31+85 RT	15.0 SQ YD
STA. 32+14 LT	11.5 SQ YD
STA. 32+52 RT	14.8 SQ YD
STA. 32+68 LT	19.3 SQ YD
STA. 33+15 RT	14.7 SQ YD
STA. 33+21 LT	19.5 SQ YD
STA. 33+74 LT	19.2 SQ YD
STA. 33+82 RT	14.5 SQ YD
STA. 34+38 LT	19.2 SQ YD
STA. 34+47 RT	14.7 SQ YD
STA. 35+06 LT	19.3 SQ YD
STA. 35+13 RT	11.1 SQ YD
STA. 35+32 RT	15.2 SQ YD
STA. 35+65 LT	23.2 SQ YD
TOTAL	997.0 SQ YD

42400100

PC CONCRETE SIDEWALK 4

STA. 9+90 LT	224.6 SQ FT
STA. 9+96 RT	25.0 SQ FT
STA. 10+15 RT	12.0 SQ FT
STA. 10+45 RT	14.0 SQ FT
STA. 10+75 RT	19.8 SQ FT
STA. 11+07 LT	110.0 SQ FT
STA. 11+15 RT	16.4 SQ FT
STA. 11+55 RT	13.1 SQ FT
STA. 11+96 RT	50.0 SQ FT
STA. 11+98 LT	24.8 SQ FT
STA. 12+10 RT	11.3 SQ FT
STA. 12+56 RT	102.5 SQ FT
STA. 12+61 LT	396.5 SQ FT
STA. 12+80 RT	17.6 SQ FT
STA. 12+80 LT	19.8 SQ FT
STA. 13+30 LT	20.8 SQ FT
STA. 13+41 LT	46.5 SQ FT
STA. 13+45 RT	22.0 SQ FT
STA. 14+05 LT	17.2 SQ FT
STA. 14+25 RT	16.0 SQ FT
STA. 14+34 RT	217.5 SQ FT
STA. 14+60 LT	41.6 SQ FT
STA. 14+83 LT	28.0 SQ FT
STA. 14+91 RT	152.6 SQ FT
STA. 14+95 RT	17.8 SQ FT
TOTAL	1,196.0 SQ FT

42400100 PC CONCRETE SIDEWALK 4 (CONT.)

STA. 11+29 RT	28.0 SQ FT
STA. 11+41 LT	40.0 SQ FT
STA. 11+73 RT	26.3 SQ FT
STA. 15+60 LT	229.0 SQ FT
STA. 15+60 RT	41.0 SQ FT
STA. 16+10 LT	23.0 SQ FT
STA. 16+13 RT	25.0 SQ FT
STA. 16+22 LT	25.5 SQ FT
STA. 16+33 RT	111.5 SQ FT
STA. 16+75 RT	17.6 SQ FT
STA. 17+30 LT	22.0 SQ FT
STA. 17+38 RT	78.0 SQ FT
STA. 17+50 RT	20.4 SQ FT
STA. 17+81 RT	47.0 SQ FT
STA. 17+85 LT	21.1 SQ FT
STA. 18+10 RT	22.0 SQ FT
STA. 18+20 RT	22.6 SQ FT
STA. 18+42 RT	54.0 SQ FT
STA. 18+69 RT	69.5 SQ FT
STA. 18+75 RT	16.0 SQ FT
STA. 18+80 LT	19.0 SQ FT
STA. 18+91 LT	40.0 SQ FT
STA. 18+93 RT	69.5 SQ FT
STA. 19+12 LT	169.0 SQ FT
STA. 19+50 RT	11.6 SQ FT
STA. 19+50 LT	19.2 SQ FT
STA. 19+65 LT	102.5 SQ FT
STA. 20+55 LT	19.8 SQ FT
STA. 20+70 RT	20.0 SQ FT
STA. 21+20 LT	17.6 SQ FT
STA. 21+22 RT	20.3 SQ FT
STA. 21+31 RT	128.5 SQ FT
STA. 21+70 RT	19.4 SQ FT
STA. 21+71 LT	50.5 SQ FT
STA. 21+72 RT	75.0 SQ FT
STA. 21+80 LT	19.5 SQ FT
STA. 22+25 RT	20.0 SQ FT
STA. 22+36 RT	237.5 SQ FT
STA. 23+25 LT	21.5 SQ FT
STA. 23+29 RT	92.5 SQ FT
STA. 23+60 RT	18.0 SQ FT
STA. 24+04 LT	60.0 SQ FT
STA. 24+34 RT	93.0 SQ FT
STA. 24+65 LT	25.3 SQ FT
STA. 24+75 RT	20.4 SQ FT
STA. 24+79 RT	25.0 SQ FT
STA. 25+24 RT	69.5 SQ FT
STA. 25+25 RT	20.5 SQ FT
STA. 25+75 RT	21.0 SQ FT
STA. 25+85 LT	16.0 SQ FT
STA. 26+50 RT	16.8 SQ FT
STA. 26+60 LT	17.5 SQ FT
STA. 27+18 RT	18.0 SQ FT
STA. 27+20 LT	44.5 SQ FT
STA. 27+77 RT	14.0 SQ FT
STA. 27+77 LT	13.6 SQ FT
STA. 28+23 LT	19.3 SQ FT
STA. 28+36 LT	66.5 SQ FT
STA. 28+38 RT	17.0 SQ FT
STA. 28+46 RT	25.0 SQ FT
STA. 28+75 LT	24.7 SQ FT
STA. 29+12 RT	26.3 SQ FT
STA. 29+26 LT	20.0 SQ FT
STA. 29+80 RT	16.0 SQ FT
STA. 29+90 LT	15.2 SQ FT
STA. 30+23 RT	49.5 SQ FT
STA. 30+40 LT	33.0 SQ FT
STA. 30+52 LT	25.0 SQ FT
STA. 30+55 RT	18.0 SQ FT
STA. 30+72 LT	77.0 SQ FT
STA. 30+90 LT	27.2 SQ FT
STA. 31+12 RT	17.6 SQ FT
STA. 31+41 LT	41.0 SQ FT
STA. 31+48 LT	14.0 SQ FT
STA. 31+73 RT	15.6 SQ FT
STA. 31+90 LT	15.5 SQ FT
STA. 32+15 RT	15.6 SQ FT
STA. 32+48 LT	30.4 SQ FT
STA. 32+95 RT	20.0 SQ FT
STA. 32+95 LT	15.6 SQ FT
STA. 33+21 RT	65.0 SQ FT
STA. 33+45 RT	16.8 SQ FT
STA. 33+55 LT	26.0 SQ FT
STA. 33+97 RT	51.5 SQ FT
STA. 34+25 LT	12.0 SQ FT
STA. 34+30 RT	17.6 SQ FT
STA. 34+85 LT	28.4 SQ FT
STA. 34+95 RT	22.0 SQ FT
STA. 35+37 LT	12.8 SQ FT
STA. 35+50 RT	16.0 SQ FT
STA. 35+78 RT	40.0 SQ FT
TOTAL	5,196.0 SQ FT

42400460 PC CONCRETE SIDEWALK 8 SP

STA. 13+41 LT	23.5 SQ FT
STA. 13+67 LT	26.5 SQ FT
STA. 15+10 RT	20.0 SQ FT
STA. 15+21 RT	20.0 SQ FT
STA. 15+60 RT	20.0 SQ FT
STA. 19+70 RT	20.0 SQ FT
STA. 19+70 LT	20.0 SQ FT
STA. 19+80 LT	20.0 SQ FT
STA. 20+24 LT	20.0 SQ FT
STA. 20+27 RT	20.0 SQ FT
TOTAL	210.0 SQ FT

42400800

DETECTABLE WARNINGS

STA. 13+41 LT	8.0 SQ FT
STA. 13+67 LT	8.0 SQ FT
STA. 15+10 RT	8.0 SQ FT
STA. 15+10 LT	8.0 SQ FT
STA. 15+21 RT	8.0 SQ FT
STA. 15+60 RT	8.0 SQ FT
STA. 19+70 RT	8.0 SQ FT
STA. 19+70 LT	8.0 SQ FT
STA. 19+80 LT	8.0 SQ FT
STA. 20+24 LT	8.0 SQ FT
STA. 20+27 RT	8.0 SQ FT
TOTAL	88.0 SQ FT

44000100

PAVT REMOVAL

STA. 35+35 - 36+04 LT	38.3 SQ YD
TOTAL	38.0 SQ YD

44000159

HMA SURF REM 2.5

STA. 9+95 - 10+00	20.6 SQ YD
STA. 13+37 - 13+76 LT	37.4 SQ YD
STA. 15+27 - 15+58 RT	64.4 SQ YD
STA. 19+83 - 20+09 LT	14.2 SQ YD
STA. 19+91 - 20+18 RT	14.7 SQ YD
STA. 35+35 - 35+98	221.1 SQ YD
TOTAL	372.0 SQ YD

44000200

DRIVE PAVEMENT REM

STA. 11+29 RT	10.3 SQ YD
STA. 11+41 LT	15.8 SQ YD
STA. 11+73 RT	10.1 SQ YD
STA. 12+41 RT	11.5 SQ YD
STA. 13+00 RT	18.6 SQ YD
STA. 13+73 RT	9.0 SQ YD
STA. 14+41 RT	10.5 SQ YD
STA. 14+41 LT	7.9 SQ YD
STA. 15+00 LT	13.1 SQ YD
STA. 15+65 LT	9.6 SQ YD
STA. 16+29 LT	9.3 SQ YD
STA. 16+37 RT	10.9 SQ YD
STA. 17+06 RT	14.6 SQ YD
STA. 17+60 LT	13.8 SQ YD
STA. 17+71 RT	11.8 SQ YD
STA. 18+36 RT	13.8 SQ YD
STA. 18+98 LT	20.4 SQ YD
STA. 20+91 LT	11.0 SQ YD
STA. 21+42 LT	10.5 SQ YD
STA. 21+93 RT	8.8 SQ YD
STA. 22+10 LT	11.3 SQ YD
STA. 22+54 RT	21.4 SQ YD
STA. 22+87 LT	12.4 SQ YD
STA. 23+54 LT	10.7 SQ YD
STA. 23+75 RT	19.9 SQ YD
STA. 24+09 LT	12.6 SQ YD
STA. 24+38 RT	11.1 SQ YD
STA. 24+93 RT	11.2 SQ YD
STA. 25+21 LT	10.3 SQ YD
STA. 25+42 RT	10.8 SQ YD
STA. 26+09 RT	1583.2 FT
STA. 26+18 LT	11.7 SQ YD
STA. 26+76 RT	10.9 SQ YD
STA. 26+87 LT	9.3 SQ YD
STA. 27+40 RT	10.1 SQ YD
STA. 27+89 LT	9.1 SQ YD
STA. 28+03 RT	11.6 SQ YD
STA. 28+44 LT	11.8 SQ YD
STA. 28+71 RT	11.3 SQ YD
STA. 28+95 LT	11.0 SQ YD
STA. 29+36 RT	11.0 SQ YD
STA. 29+50 LT	12.7 SQ YD
STA. 30+00 RT	11.5 SQ YD
STA. 30+00 LT	14.9 SQ YD
STA.	

SCHEDULE OF QUANTITIES (CONT.)

(FOR ROAD AND STORM SEWER CONSTRUCTION ONLY. FOR WATER MAIN QUANTITIES, SEE SHEET 44)

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	4

44000600 SIDEWALK REM (CONT.)	
STA. 16+75 RT	17.6 SQ FT
STA. 17+30 LT	22.0 SQ FT
STA. 17+38 RT	78.0 SQ FT
STA. 17+50 RT	20.4 SQ FT
STA. 17+81 RT	47.0 SQ FT
STA. 17+85 LT	21.1 SQ FT
STA. 18+10 RT	22.0 SQ FT
STA. 18+20 RT	22.6 SQ FT
STA. 18+42 RT	54.0 SQ FT
STA. 18+69 RT	69.5 SQ FT
STA. 18+75 RT	16.0 SQ FT
STA. 18+80 LT	19.0 SQ FT
STA. 18+91 LT	40.0 SQ FT
STA. 18+93 RT	69.5 SQ FT
STA. 19+12 LT	169.0 SQ FT
STA. 19+50 RT	11.6 SQ FT
STA. 19+50 LT	19.2 SQ FT
STA. 19+65 LT	98.0 SQ FT
STA. 19+70 RT	20.0 SQ FT
STA. 19+70 LT	20.0 SQ FT
STA. 20+24 LT	20.0 SQ FT
STA. 20+27 RT	20.0 SQ FT
STA. 20+55 LT	19.8 SQ FT
STA. 20+70 RT	20.0 SQ FT
STA. 21+20 LT	17.6 SQ FT
STA. 21+22 RT	20.3 SQ FT
STA. 21+31 RT	128.5 SQ FT
STA. 21+70 RT	19.4 SQ FT
STA. 21+71 LT	50.5 SQ FT
STA. 21+72 RT	75.0 SQ FT
STA. 21+80 LT	19.5 SQ FT
STA. 22+25 RT	20.0 SQ FT
STA. 22+36 RT	237.5 SQ FT
STA. 23+25 LT	21.5 SQ FT
STA. 23+29 RT	92.5 SQ FT
STA. 23+60 RT	18.0 SQ FT
STA. 24+04 LT	60.0 SQ FT
STA. 24+34 RT	93.0 SQ FT
STA. 24+65 LT	25.3 SQ FT
STA. 24+75 RT	20.4 SQ FT
STA. 24+79 RT	25.0 SQ FT
STA. 25+24 RT	69.5 SQ FT
STA. 25+25 RT	20.5 SQ FT
STA. 25+75 RT	21.0 SQ FT
STA. 25+85 LT	16.0 SQ FT
STA. 26+50 RT	16.8 SQ FT
STA. 26+60 LT	17.5 SQ FT
STA. 27+18 RT	18.0 SQ FT
STA. 27+20 LT	44.5 SQ FT
STA. 27+77 RT	14.0 SQ FT
STA. 27+77 LT	13.6 SQ FT
STA. 28+23 LT	19.3 SQ FT
STA. 28+36 LT	66.5 SQ FT
STA. 28+38 RT	17.0 SQ FT
STA. 28+46 RT	25.0 SQ FT
STA. 28+75 LT	24.7 SQ FT
STA. 29+12 RT	26.3 SQ FT
STA. 29+26 LT	20.0 SQ FT
STA. 29+80 RT	16.0 SQ FT
STA. 29+90 LT	15.2 SQ FT
STA. 30+23 RT	49.5 SQ FT
STA. 30+40 LT	33.0 SQ FT
STA. 30+52 LT	35.0 SQ FT
STA. 30+55 RT	18.0 SQ FT
STA. 30+72 LT	77.0 SQ FT
STA. 30+90 LT	27.2 SQ FT
STA. 31+12 RT	17.6 SQ FT
STA. 31+41 LT	41.0 SQ FT
STA. 31+48 LT	14.0 SQ FT
STA. 31+73 RT	15.6 SQ FT
STA. 31+90 LT	15.5 SQ FT
STA. 32+15 RT	15.6 SQ FT
STA. 32+48 LT	30.4 SQ FT
STA. 32+95 RT	20.0 SQ FT
STA. 32+95 LT	15.6 SQ FT
STA. 33+21 RT	65.0 SQ FT
STA. 33+45 RT	16.8 SQ FT
STA. 33+55 LT	26.0 SQ FT
STA. 33+97 RT	51.5 SQ FT
STA. 34+25 LT	12.0 SQ FT
STA. 34+30 RT	17.6 SQ FT
STA. 34+85 LT	28.4 SQ FT
STA. 34+95 RT	22.0 SQ FT
STA. 35+37 LT	12.8 SQ FT
STA. 35+50 RT	16.0 SQ FT
STA. 35+78 RT	40.0 SQ FT
TOTAL	5,316.0 SQ FT

44004400 PAVEMENT REM SPL	
STA. 10+00 - 35+35	9,295.0 SQ YD
STA. 13+32 - 13+79 LT	6.8 SQ YD
STA. 15+20 - 15+66 RT	35.6 SQ YD
STA. 19+80 - 20+20 LT	22.0 SQ YD
STA. 19+83 - 20+25 RT	20.3 SQ YD
TOTAL	9,380.0 SQ YD
55080050 STORM SEW CL B 1 12	
STA. 12+55 RT	23.6 FT
STA. 12+55 LT	7.8 FT
STA. 12+56 - 13+52 LT	95.8 FT
STA. 13+10 LT	20.0 FT
STA. 13+32 - 13+40 LT	7.8 FT
STA. 13+37 - 13+51 RT	13.6 FT
STA. 13+41 - 13+54 LT	17.4 FT
STA. 13+53 RT	24.2 FT
STA. 13+54 - 13+71 LT	20.5 FT
STA. 13+72 - 13+82 LT	10.4 FT
STA. 14+86 RT	23.6 FT
STA. 14+86 LT	8.0 FT
STA. 14+87 - 15+20 RT	34.3 FT
STA. 15+43 - 15+49 LT	9.2 FT
STA. 15+43 - 15+55 LT	11.4 FT
STA. 15+49 - 15+60 RT	13.9 FT
STA. 15+63 - 15+77 RT	16.8 FT
STA. 22+38 LT	8.1 FT
STA. 22+38 RT	23.3 FT
STA. 26+31 LT	9.7 FT
STA. 26+31 RT	21.1 FT
STA. 28+30 LT	10.1 FT
STA. 28+30 RT	21.2 FT
STA. 30+11 - 31+33 LT	120.2 FT
STA. 31+33 RT	22.0 FT
STA. 31+33 LT	8.9 FT
STA. 34+65 RT	19.7 FT
STA. 34+65 LT	11.3 FT
STA. 34+66 - 36+03 LT	136.5 FT
TOTAL	770.0 FT
55080090 STORM SEW CL B 1 18	
STA. 24+11 - 26+30 LT	218.6 FT
TOTAL	219.0 FT
55080120 STORM SEW CL B 1 24	
STA. 13+56 - 14+84 LT	127.8 FT
STA. 14+88 - 15+47 LT	60.2 FT
TOTAL	188.0 FT
60218400 MAN TA 4 DIA TIF CL	
STA. 12+55 LT	1.0 EACH
STA. 22+38 LT	1.0 EACH
STA. 26+31 LT	1.0 EACH
STA. 28+30 LT	1.0 EACH
STA. 31+34 LT	1.0 EACH
STA. 34+65 LT	1.0 EACH
TOTAL	6.0 EACH
60221100 MAN TA 5 DIA TIF CL	
STA. 14+86 LT	1.0 EACH
TOTAL	1.0 EACH
60223800 MAN TA 6 DIA TIF CL	
STA. 13+54 LT	1.0 EACH
TOTAL	1.0 EACH
60235700 INLETS TA T3F&G	
STA. 12+55 R&L	2.0 EACH
STA. 13+11 LT	1.0 EACH
STA. 13+32 LT	1.0 EACH
STA. 13+37 RT	1.0 EACH
STA. 13+83 LT	1.0 EACH
STA. 14+86 LT	1.0 EACH
STA. 15+22 RT	1.0 EACH
STA. 15+55 LT	1.0 EACH
STA. 15+79 RT	1.0 EACH
STA. 19+88 RT	1.0 EACH
STA. 20+14 LT	1.0 EACH
STA. 20+21 RT	1.0 EACH
STA. 22+38 R&L	2.0 EACH
STA. 24+19 R&L	2.0 EACH
STA. 26+31 R&L	2.0 EACH
STA. 30+17 R&L	2.0 EACH
STA. 31+34 R&L	2.0 EACH
STA. 34+65 R&L	2.0 EACH
TOTAL	25.0 EACH

60240220 INLETS TB T3F&G	
STA. 13+41 LT	1.0 EACH
STA. 13+55 RT	1.0 EACH
STA. 13+72 LT	1.0 EACH
STA. 14+86 RT	1.0 EACH
STA. 15+43 LT	1.0 EACH
STA. 15+61 RT	1.0 EACH
STA. 19+76 LT	1.0 EACH
TOTAL	7.0 EACH

60241800 INLETS TG-1	
STA. 28+30 R&L	2.0 EACH
TOTAL	2.0 EACH

60300305 FR & LIDS ADJUST	
STA. 15+50 RT	1.0 EACH
TOTAL	1.0 EACH

60300310 FR & LIDS ADJUST SPL	
NOTE: GSD TO PROVIDE CASTINGS	
STA. 15+51 LT (REPLACE)	1.0 EACH
STA. 15+53 CL (RE-USE)	1.0 EACH
STA. 19+91 LT (REPLACE)	1.0 EACH
STA. 19+96 CL (REPLACE)	1.0 EACH
STA. 24+10 LT (REPLACE)	1.0 EACH
STA. 24+18 CL (RE-USE)	1.0 EACH
STA. 27+15 LT (REPLACE)	1.0 EACH
STA. 30+11 LT (REPLACE)	1.0 EACH
TOTAL	8.0 EACH

60500040 REMOV MANHOLES	
STA. 13+54 LT	1.0 EACH
TOTAL	1.0 EACH

60500060 STORM INLETS	
STA. 13+41 LT	1.0 EACH
STA. 13+55 RT	1.0 EACH
STA. 13+72 LT	1.0 EACH
STA. 15+62 RT	1.0 EACH
STA. 15+42 LT	1.0 EACH
STA. 19+87 RT	1.0 EACH
STA. 19+77 LT	1.0 EACH
STA. 20+14 LT	1.0 EACH
STA. 20+23 RT	1.0 EACH
STA. 24+19 RT	1.0 EACH
STA. 24+19 LT	1.0 EACH
STA. 30+18 RT	1.0 EACH
STA. 30+18 LT	1.0 EACH
TOTAL	13.0 EACH

67100100 MOBILIZATION	
ENTIRE PROJECT	1.0 L.SUM
TOTAL	1.0 L.SUM

60604400 COMB. CC&G TB6.18	
STA. 10+00 - 15+27 RT	536.8 FT
STA. 10+00 - 13+45 LT	352.4 FT
STA. 13+65 - 19+85 LT	630.8 FT
STA. 15+58 - 19+92 RT	446.2 FT
STA. 20+07 - 35+87 LT	1,583.2 FT
STA. 20+16 - 35+90 RT	1,578.0 FT
TOTAL	5,127.0 FT

70101700 TRAFFIC CONTROL & PROTECTION	
ENTIRE PROJECT	1.0 L.SUM
TOTAL	1.0 L.SUM

70300100 SHORT TERM PAVT MKING	
STA. 9+86	24.9 FT
STA. 9+86 - 11+00	228.0 FT
STA. 34+71 - 35+85	228.0 FT
STA. 35+85	23.8 FT
TOTAL	505.0 FT

70301000 WRK ZONE PAVT MK REM	
STA. 9+86	8.3 SQ FT
STA. 9+86 - 11+00	76.0 SQ FT
STA. 34+71 - 35+85	76.0 SQ FT
STA. 35+85	7.9 SQ FT
TOTAL	168.0 SQ FT

78000100 THPL PVT MK LTR & SYM	
STA. 35+50 CL	15.6 SQ FT
TOTAL	16.0 SQ FT

78000200 THPL PVT MK LINE 4	
STA. 9+86 - 10+00	28.0 FT
STA. 35+35 - 35+85	100.0 FT
TOTAL	128.0 FT

78000400 THPL PVT MK LINE 6	
STA. 9+75	51.0 FT
STA. 9+81	41.8 FT
STA. 35+89	36.4 FT
STA. 35+96	55.5 FT
TOTAL	185.0 FT

78000500 THPL PVT MK LINE 8	
STA. 9+86 - 10+00	14.0 FT
STA. 35+35 - 35+85	50.0 FT
TOTAL	64.0 FT

78000600 THPL PVT MK LINE 12	
STA. 9+86	24.5 FT
STA. 35+85	23.9 FT
TOTAL	48.0 FT

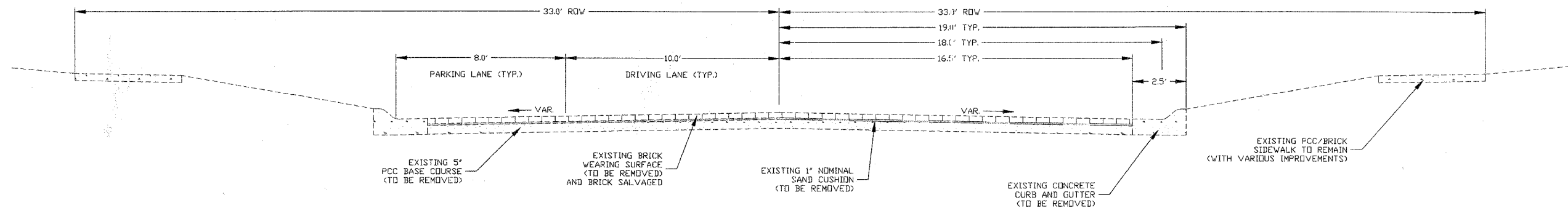
78001100 PT PVT MK LTRS & SYMB	
STA. 10+15 CL	15.6 SQ FT
STA. 10+73 CL	15.6 SQ FT
STA. 34+95 CL	15.6 SQ FT
TOTAL	47.0 SQ FT

78001110 PAINT PVT MK LINE 4	
STA. 10+00 - 12+29	691.2 FT
STA. 33+40 - 35+85	606.6 FT
TOTAL	1,298.0 FT

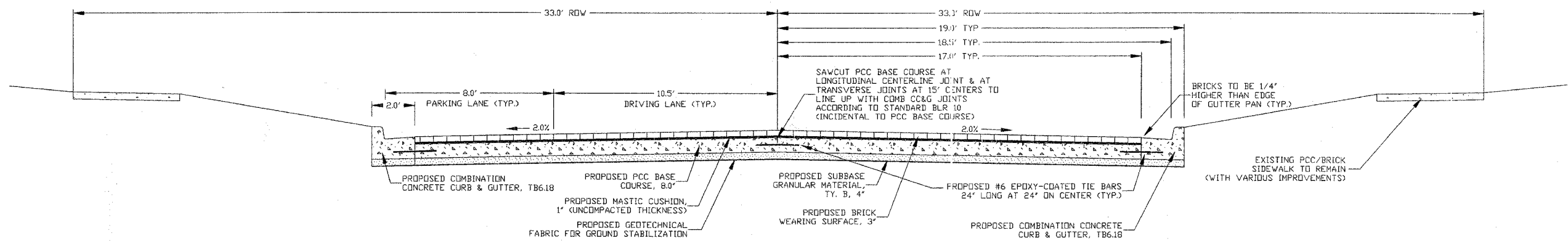
78001140 PAINT PVT MK LINE 8	
STA. 10+00 - 10+87	87.0 FT
STA. 34+84 - 35+34	50.0 FT
TOTAL	137.0 FT

88600100 DET LOOP T1	
STA. 35+37 - 35+87 CL	174.0 FT
STA. 35+37 - 35+87 RT	174.0 FT
TOTAL	348.0 FT

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	5



EXISTING TYPICAL CROSS SECTION
 N. BROAD ST. FROM LOSEY ST. TO FREMONT ST.
 STA. 10+00 - 35+35



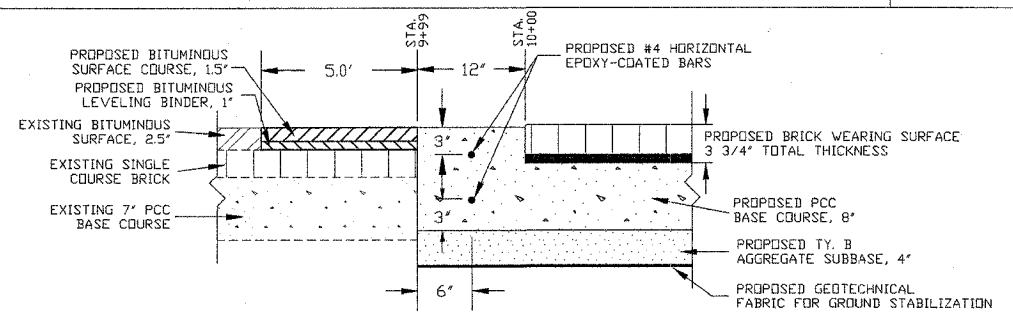
NOTES:
 9" X 4" X 3" BRICKS FROM EXISTING WEARING SURFACE ARE TO BE CLEANED AND PALLETIZED AT AN OFF-SITE LOCATION. NOTE BRICK WIDTH INCREASING BY 1" ACROSS THE WIDTH OF THE STREET. ALL EXTRA BRICKS NEEDED WILL BE TRANSPORTED TO BROAD STREET FROM A CONSTRUCTION PROJECT TAKING PLACE ON SECOND STREET. THE SECOND STREET PROJECT CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING, PALLETIZING, AND TRANSPORTING THESE ADDITIONAL BRICKS. BUT IT SHALL BE THE RESPONSIBILITY OF THE BROAD STREET CONTRACTOR TO ENSURE THE COORDINATION OF THE DELIVERY OF THESE BRICKS, AND TO TAKE OVER THE RESPONSIBILITY OF THE PROTECTION OF THESE BRICKS ONCE DELIVERED TO BROAD STREET. THIS COORDINATION AND PROTECTION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO BRICK WEARING SURFACE.

PROPOSED TYPICAL CROSS SECTION
 N. BROAD ST. FROM LOSEY ST. TO FREMONT ST.
 STA. 10+00 - 35+35

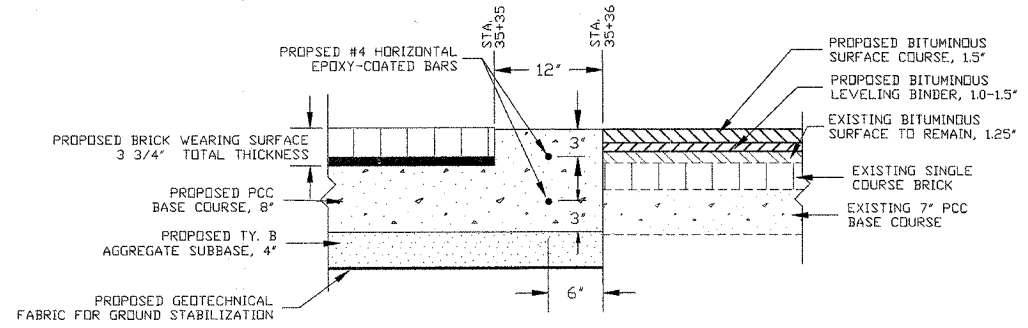
TYPICAL SECTIONS
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE: 6793
 FEDERAL PROJECT # TE-00B4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



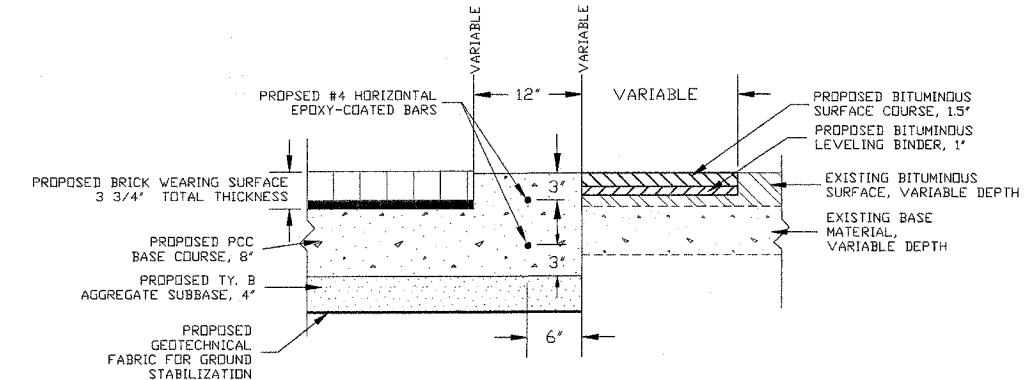
SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	6



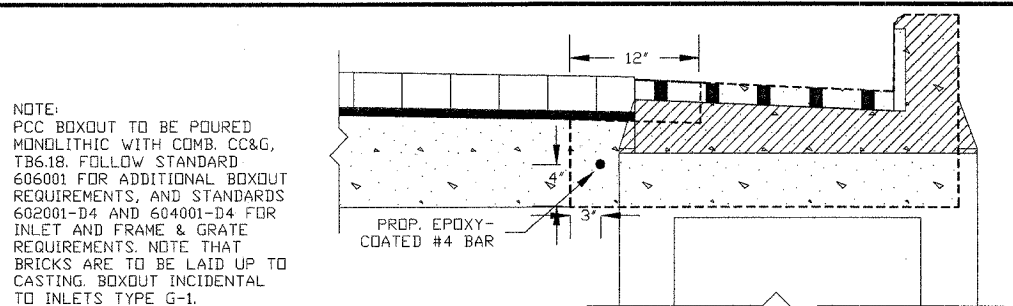
CONCRETE HEADER DETAIL
SOUTH END PROJECT
STATION 9+99 - 10+00



CONCRETE HEADER DETAIL
NORTH END PROJECT
STATION 35+35 - 35+36

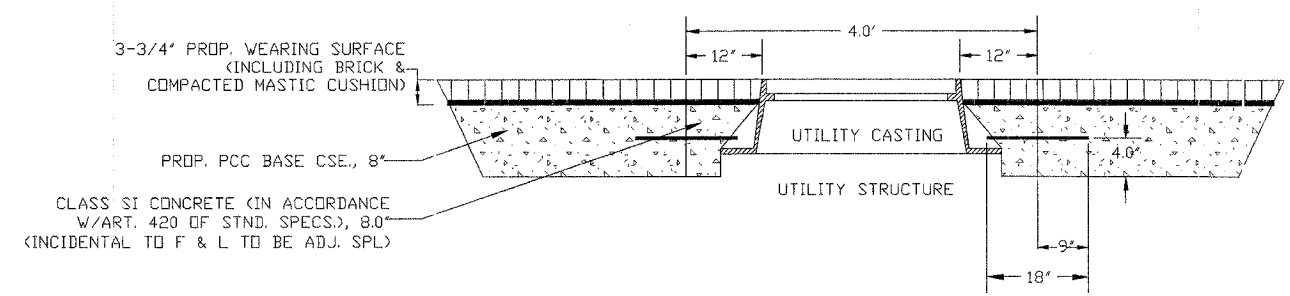
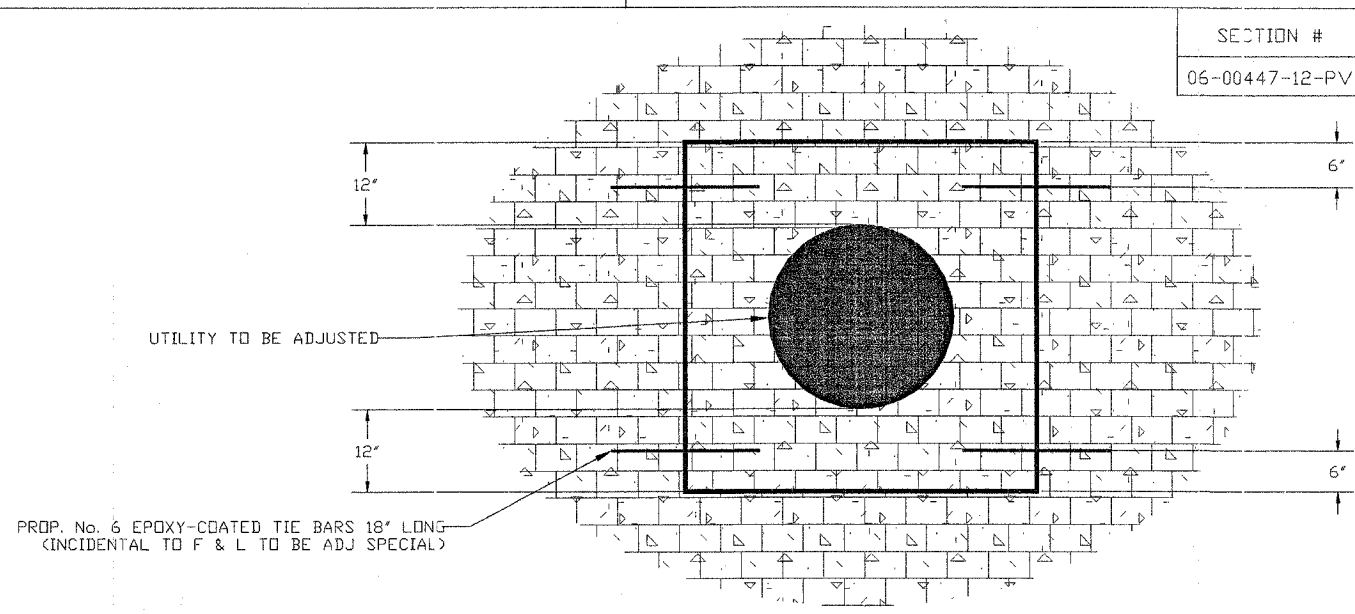


CONCRETE HEADER DETAIL
CONSTRUCTION JOINTS
VARIOUS SIDESTREET LOCATIONS



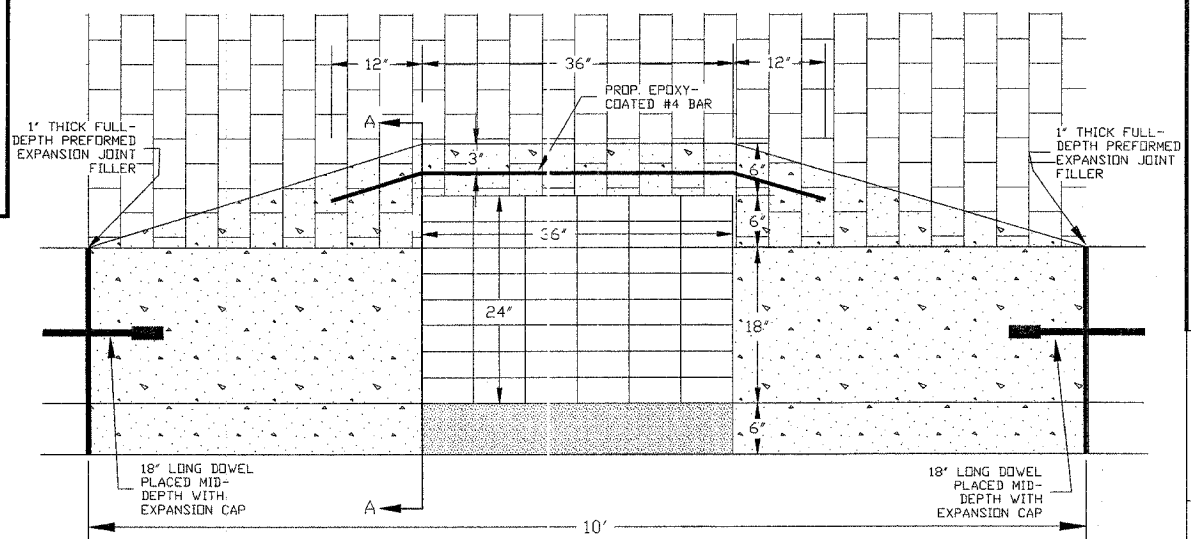
NOTE:
PCC BOXOUT TO BE POURED MONOLITHIC WITH COMB. CC&G, TB6.18. FOLLOW STANDARD 606001 FOR ADDITIONAL BOXOUT REQUIREMENTS, AND STANDARDS 602001-D4 AND 604001-D4 FOR INLET AND FRAME & GRATE REQUIREMENTS. NOTE THAT BRICKS ARE TO BE LAID UP TO CASTING BOXOUT INCIDENTAL TO INLETS TYPE G-1.

INLET TG-1 DETAIL
SECTION A-A
STATIONS 28+30 R&L

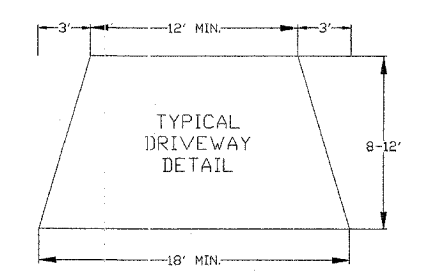


FRAME & LID ADJUST (SPECIAL) DETAIL
N.T.S.

NOTE:
PCC BOXOUT TO BE POURED AFTER COMPLETION OF PCC BASE COURSE, 8\"/>

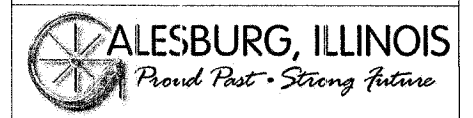


INLET TG-1 DETAIL
STATIONS 28+30 R&L



DETAILS

N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	7

#4001785
EARTH EXCAVATION & EMBANKMENT
 NOTE: APPROXIMATE QUANTITIES
 (FOR INFORMATION ONLY)
 STAGE 1 = 289.9 CY CUT, 0.0 CY FILL
 STAGE 2 = 71.5 CY CUT, 28.6 CY FILL
 STA. 10+00 - 35+35 1.0 L.SUM

44000159
HMA SURF REM 2.5
 STA. 9+95 - 10+00 20.6 SQ YD
 STA. 13+37 - 13+76 LT 37.4 SQ YD
 STA. 15+27 - 15+58 RT 64.4 SQ YD

44000500
COMB CURB GUTTER REM
 STA. 10+00 - 15+27 RT 536.8 FT
 STA. 10+00 - 13+45 LT 352.4 FT
 STA. 13+65 - 19+85 LT 630.8 FT
 STA. 15+58 - 19+92 RT 446.2 FT

44000200
DRIVE PAVEMENT REM
 STA. 11+29 RT 10.3 SQ YD
 STA. 11+41 LT 15.8 SQ YD
 STA. 11+73 RT 10.1 SQ YD
 STA. 12+41 RT 11.5 SQ YD
 STA. 13+00 RT 18.6 SQ YD
 STA. 13+00 LT 9.0 SQ YD
 STA. 13+73 RT 10.5 SQ YD
 STA. 14+41 RT 7.9 SQ YD
 STA. 15+00 LT 13.1 SQ YD
 STA. 15+65 LT 9.6 SQ YD
 STA. 16+29 LT 9.3 SQ YD
 STA. 16+37 RT 10.9 SQ YD
 STA. 17+06 RT 14.6 SQ YD
 STA. 17+60 LT 13.8 SQ YD
 STA. 17+71 RT 11.8 SQ YD
 STA. 18+36 RT 13.8 SQ YD
 STA. 18+98 LT 20.4 SQ YD

44000600
SIDEWALK REM
 STA. 9+90 LT 224.6 SQ FT
 STA. 9+96 RT 25.0 SQ FT
 STA. 10+15 RT 12.0 SQ FT
 STA. 10+45 RT 14.0 SQ FT
 STA. 10+75 RT 19.8 SQ FT
 STA. 11+07 LT 110.0 SQ FT
 STA. 11+55 RT 16.4 SQ FT
 STA. 11+55 RT 13.1 SQ FT
 STA. 11+96 RT 50.0 SQ FT
 STA. 11+98 LT 24.8 SQ FT
 STA. 12+10 RT 11.3 SQ FT
 STA. 12+56 RT 102.5 SQ FT
 STA. 12+61 LT 396.5 SQ FT
 STA. 12+80 RT 17.6 SQ FT
 STA. 12+80 LT 19.8 SQ FT
 STA. 13+30 LT 20.8 SQ FT
 STA. 13+41 LT 7.0 SQ FT
 STA. 13+45 RT 22.0 SQ FT
 STA. 14+05 LT 17.2 SQ FT
 STA. 14+25 RT 16.0 SQ FT
 STA. 14+34 RT 217.5 SQ FT
 STA. 14+60 LT 41.6 SQ FT

44000600
SIDEWALK REM
 STA. 14+83 LT 28.0 SQ FT
 STA. 14+91 RT 176.0 SQ FT
 STA. 14+95 RT 17.8 SQ FT
 STA. 15+10 RT 45.1 SQ FT
 STA. 15+50 LT 26.3 SQ FT
 STA. 15+60 LT 229.0 SQ FT
 STA. 15+60 RT 61.0 SQ FT
 STA. 16+10 LT 23.0 SQ FT
 STA. 16+13 RT 25.0 SQ FT
 STA. 16+22 LT 25.5 SQ FT
 STA. 16+33 RT 111.5 SQ FT
 STA. 16+75 RT 17.6 SQ FT
 STA. 17+30 LT 22.0 SQ FT
 STA. 17+38 RT 78.0 SQ FT
 STA. 17+50 RT 20.4 SQ FT
 STA. 17+81 RT 47.0 SQ FT
 STA. 17+85 LT 21.1 SQ FT
 STA. 18+10 RT 22.0 SQ FT
 STA. 18+20 RT 22.6 SQ FT
 STA. 18+42 RT 54.0 SQ FT
 STA. 18+69 RT 69.5 SQ FT
 STA. 18+75 RT 16.0 SQ FT
 STA. 18+80 LT 19.0 SQ FT
 STA. 18+91 LT 40.0 SQ FT
 STA. 18+93 RT 69.5 SQ FT

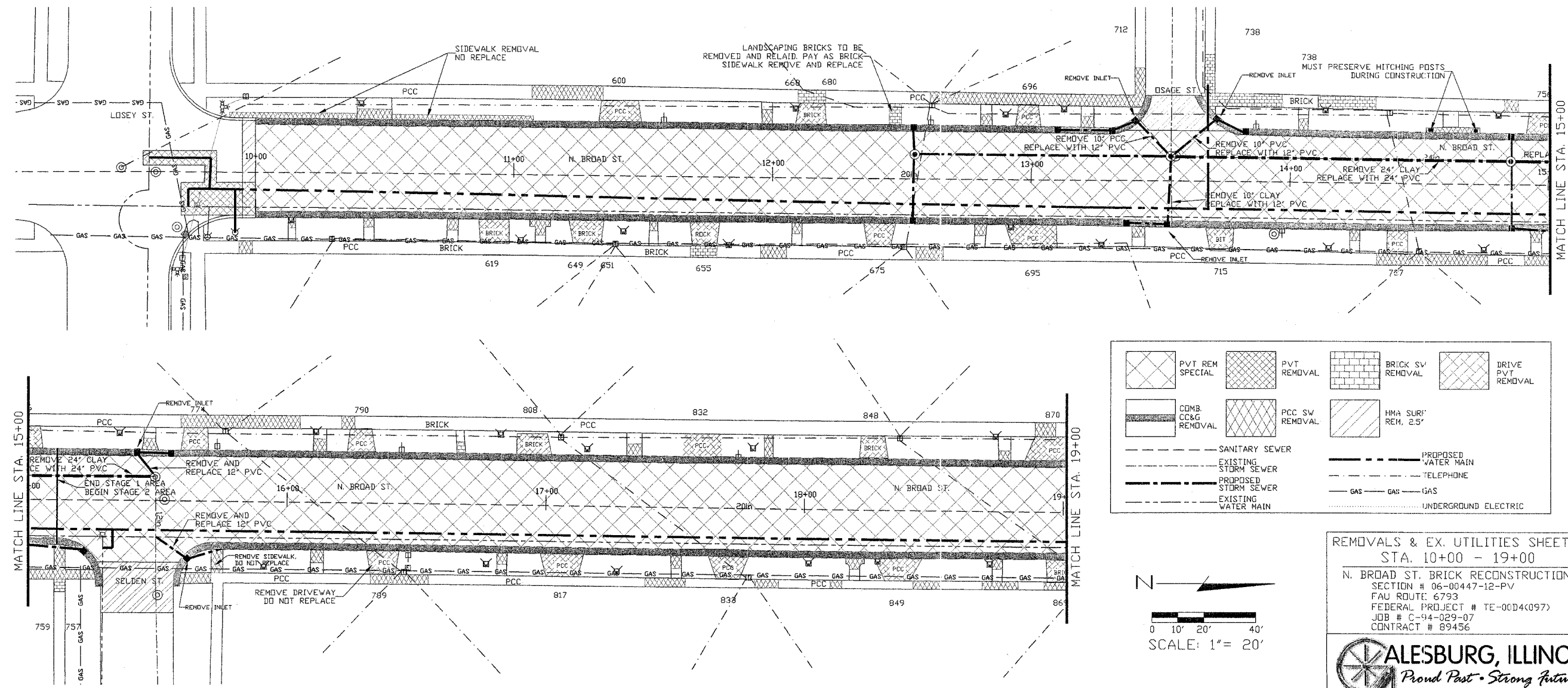
44004400
PAVEMENT REM SPL
 STA. 10+00 - 19+00 3,300.0 SQ YD
 STA. 13+32 - 13+79 LT 6.8 SQ YD
 STA. 15+20 - 15+66 RT 35.6 SQ YD

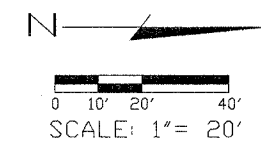
60500040
REMOV MANHOLES
 STA. 13+54 LT 1.0 EACH

60500060
REMOV INLETS
 STA. 13+41 LT 1.0 EACH
 STA. 13+53 RT 1.0 EACH
 STA. 13+72 LT 1.0 EACH
 STA. 15+62 RT 1.0 EACH
 STA. 15+42 LT 1.0 EACH

#4001769
BRICK DRIVEWAY REM
 STA. 10+92 RT 11.8 SQ YD
 STA. 12+15 LT 10.3 SQ YD
 STA. 16+95 LT 10.7 SQ YD
 STA. 18+27 RT 8.6 SQ YD
 STA. 19+00 RT 10.6 SQ YD

XX002873
BRICK SIDEWALK REM
 STA. 11+68 RT 62.4 SQ FT
 STA. 12+10 LT 60.0 SQ FT
 STA. 12+50 LT 34.0 SQ FT
 STA. 13+67 LT 60.0 SQ FT
 STA. 13+67 LT 159.0 SQ FT
 STA. 14+11 LT 121.0 SQ FT
 STA. 15+10 RT 25.5 SQ FT
 STA. 16+60 LT 14.1 SQ FT





REMOVALS & EX. UTILITIES SHEET 1
STA. 10+00 - 19+00
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE: 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	8

#4001785
EARTH EXCAVATION & EMBANKMENT
 NOTE: APPROXIMATE QUANTITIES
 (FOR INFORMATION ONLY)
 STAGE 2 = 71.5 CY CUT, 28.6 CY FILL
 STAGE 3 = 161.3 CY CUT, 0.8 CY FILL
 STAGE 4 = 98.5 CY CUT, 6.3 CY FILL
 STA. 10+00 - 35+35 1.0 L.SUM

44000159
HMA SURF REM 2.5
 STA. 19+83 - 20+09 LT 14.2 SQ YD
 STA. 19+91 - 20+18 RT 14.7 SQ YD

44000500
COMB CURB GUTTER REM
 STA. 13+65 - 19+85 LT 630.8 FT
 STA. 15+58 - 19+92 RT 446.2 FT
 STA. 20+07 - 35+87 LT 1,583.2 FT
 STA. 20+16 - 35+90 RT 1,578.0 FT

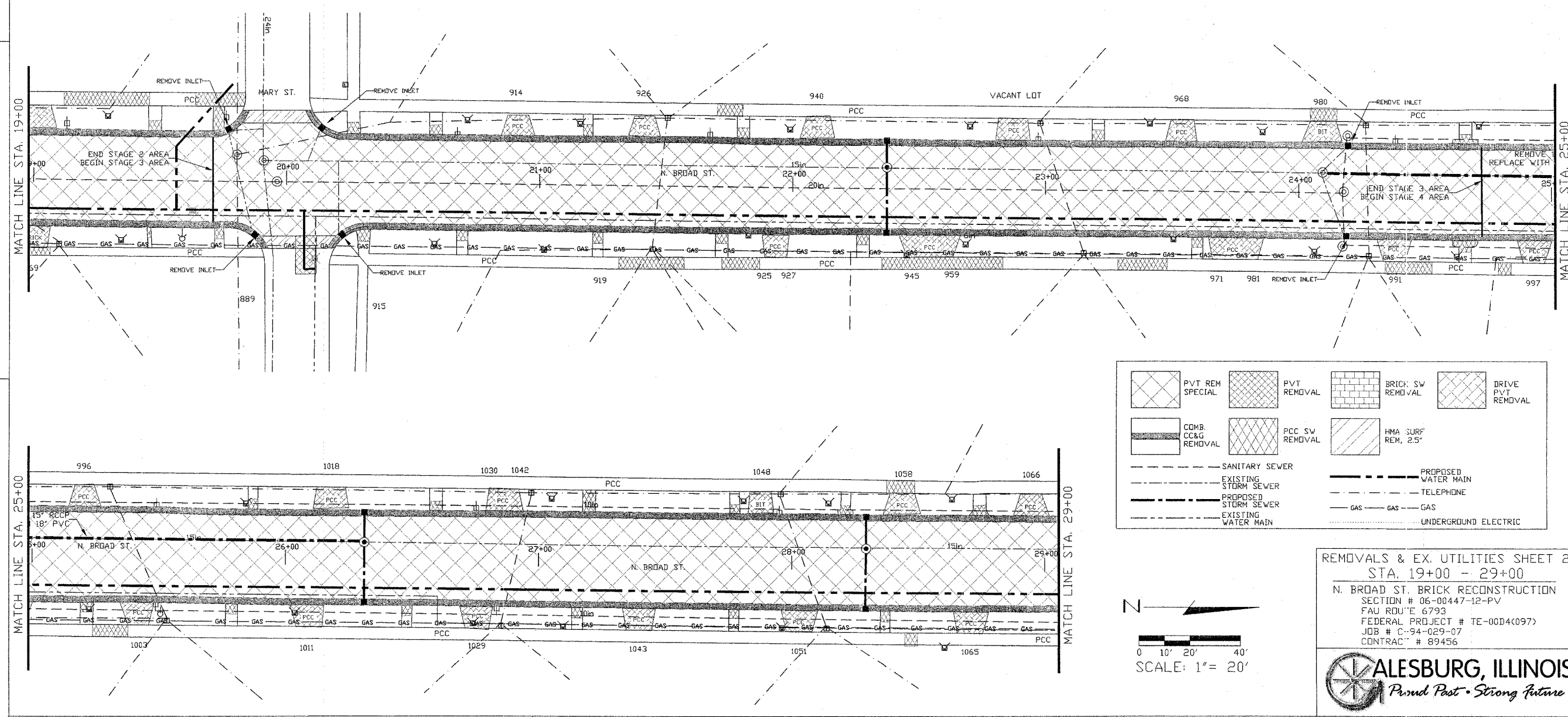
44000200
DRIVE PAVEMENT REM
 STA. 20+91 LT 11.0 SQ YD
 STA. 21+42 LT 10.5 SQ YD
 STA. 21+93 RT 8.8 SQ YD
 STA. 22+10 LT 11.3 SQ YD
 STA. 22+54 RT 21.4 SQ YD
 STA. 22+87 LT 12.4 SQ YD
 STA. 23+54 LT 10.7 SQ YD
 STA. 23+75 RT 19.9 SQ YD
 STA. 24+09 LT 12.6 SQ YD
 STA. 24+38 RT 11.1 SQ YD
 STA. 24+93 RT 11.2 SQ YD
 STA. 25+21 LT 10.3 SQ YD
 STA. 25+42 RT 10.8 SQ YD
 STA. 26+09 RT 11.7 SQ YD
 STA. 26+18 LT 11.7 SQ YD
 STA. 26+76 RT 10.9 SQ YD
 STA. 26+87 LT 9.3 SQ YD
 STA. 27+40 RT 10.1 SQ YD
 STA. 27+89 LT 9.1 SQ YD
 STA. 28+03 RT 11.6 SQ YD
 STA. 28+44 LT 11.8 SQ YD
 STA. 28+71 RT 11.6 SQ YD
 STA. 28+95 LT 11.3 SQ YD

44000600
SIDEWALK REM
 STA. 19+12 LT 169.0 SQ FT
 STA. 19+50 RT 11.6 SQ FT
 STA. 19+50 LT 19.2 SQ FT
 STA. 19+65 LT 98.0 SQ FT
 STA. 19+70 RT 20.0 SQ FT
 STA. 19+70 LT 20.0 SQ FT
 STA. 20+24 LT 20.0 SQ FT
 STA. 20+27 RT 20.0 SQ FT
 STA. 20+55 LT 19.8 SQ FT
 STA. 20+70 RT 20.0 SQ FT
 STA. 21+20 LT 17.6 SQ FT
 STA. 21+22 RT 20.3 SQ FT
 STA. 21+31 RT 128.5 SQ FT
 STA. 21+70 RT 19.4 SQ FT
 STA. 21+71 LT 50.5 SQ FT
 STA. 21+72 RT 75.0 SQ FT
 STA. 21+80 LT 19.5 SQ FT
 STA. 22+25 RT 20.0 SQ FT
 STA. 22+36 RT 237.5 SQ FT
 STA. 23+25 LT 21.5 SQ FT
 STA. 23+29 RT 92.5 SQ FT
 STA. 23+60 RT 18.0 SQ FT

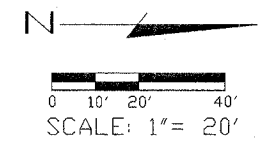
44000600
SIDEWALK REM
 STA. 24+04 LT 60.0 SQ FT
 STA. 24+34 RT 93.0 SQ FT
 STA. 24+65 LT 25.3 SQ FT
 STA. 24+75 RT 20.4 SQ FT
 STA. 24+79 RT 25.0 SQ FT
 STA. 25+24 RT 69.5 SQ FT
 STA. 25+25 RT 20.5 SQ FT
 STA. 25+75 RT 21.0 SQ FT
 STA. 25+85 LT 16.0 SQ FT
 STA. 26+50 RT 16.8 SQ FT
 STA. 26+60 LT 17.5 SQ FT
 STA. 27+18 RT 18.0 SQ FT
 STA. 27+20 LT 44.5 SQ FT
 STA. 27+77 RT 14.0 SQ FT
 STA. 27+77 LT 13.6 SQ FT
 STA. 28+23 LT 19.3 SQ FT
 STA. 28+36 LT 66.5 SQ FT
 STA. 28+38 RT 17.0 SQ FT
 STA. 28+46 RT 25.0 SQ FT
 STA. 28+75 LT 24.7 SQ FT

44004400
PAVEMENT REM SPL
 STA. 19+00 - 29+00 3,666.7 SQ YD
 STA. 19+80 - 20+20 LT 22.0 SQ YD
 STA. 19+83 - 20+25 RT 20.3 SQ YD

60500060
REMOV INLETS
 STA. 19+87 RT 1.0 EACH
 STA. 19+77 LT 1.0 EACH
 STA. 20+14 LT 1.0 EACH
 STA. 20+23 RT 1.0 EACH
 STA. 24+19 RT 1.0 EACH
 STA. 24+19 LT 1.0 EACH



	PVT REM SPECIAL		PVT REMOVAL		BRICK SW REMOVAL		DRIVE PVT REMOVAL
	COMB. CURB GUTTER REMOVAL		PCC SW REMOVAL		HMA SURF REM. 2.5		
SANITARY SEWER EXISTING STORM SEWER PROPOSED STORM SEWER EXISTING WATER MAIN				PROPOSED WATER MAIN TELEPHONE GAS UNDERGROUND ELECTRIC			



REMOVALS & EX. UTILITIES SHEET 2
 STA. 19+00 - 29+00
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	9

#4001785
EARTH EXCAVATION & EMBANKMENT
 NOTE: APPROXIMATE QUANTITIES
 (FOR INFORMATION ONLY):
 STAGE 4 = 98.5 CY CUT, 6.3 CY FILL
 STAGE 5 = 78.4 CY CUT, 21.0 CY FILL
 STA. 10+00 - 35+35 1.0 L.SUM

44000159
HMA SURF REM 2.5
 STA. 35+35 - 35+98 221.1 SQ YD

44000500
COMB CURB GUTTER REM
 STA. 20+07 - 35+87 LT 1,583.2 FT
 STA. 20+16 - 35+90 RT 1,578.0 FT

44000100
PAVT REMOVAL
 STA. 35+35 - 36+04 LT 38.3 SQ YD

44000200
DRIVE PAVEMENT REM
 STA. 29+36 RT 11.0 SQ YD
 STA. 29+50 LT 12.7 SQ YD
 STA. 30+00 RT 11.5 SQ YD
 STA. 30+00 LT 14.9 SQ YD
 STA. 30+58 LT 11.1 SQ YD
 STA. 30+65 RT 10.5 SQ YD
 STA. 31+24 RT 9.5 SQ YD
 STA. 31+62 LT 14.1 SQ YD
 STA. 31+85 RT 11.0 SQ YD
 STA. 32+14 LT 16.2 SQ YD
 STA. 32+52 RT 9.4 SQ YD
 STA. 32+58 LT 13.2 SQ YD
 STA. 33+15 RT 11.2 SQ YD
 STA. 33+21 LT 12.8 SQ YD
 STA. 33+74 LT 12.6 SQ YD
 STA. 33+82 RT 9.2 SQ YD
 STA. 34+47 RT 9.1 SQ YD
 STA. 35+06 LT 14.6 SQ YD
 STA. 35+13 RT 12.0 SQ YD
 STA. 35+32 RT 15.2 SQ YD
 STA. 35+65 LT 20.8 SQ YD

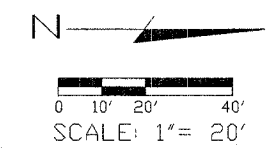
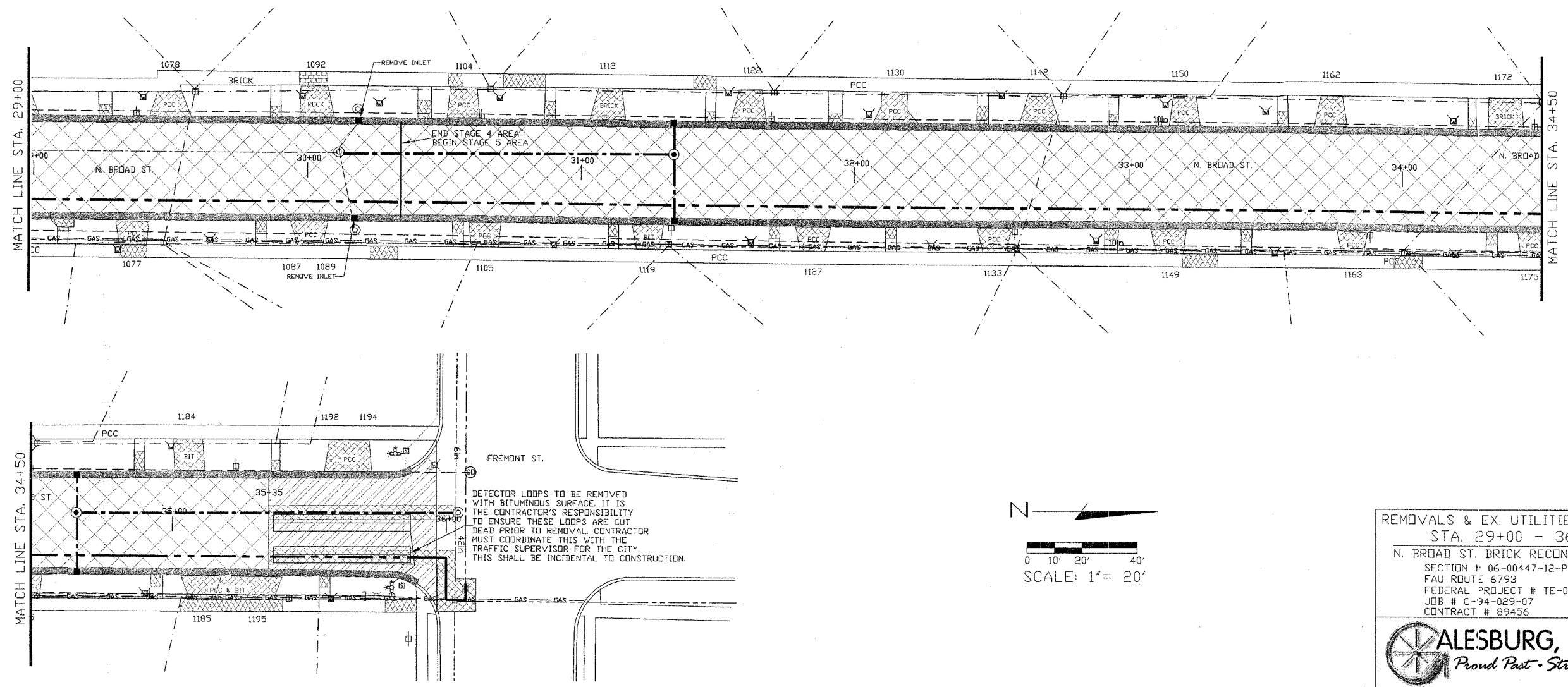
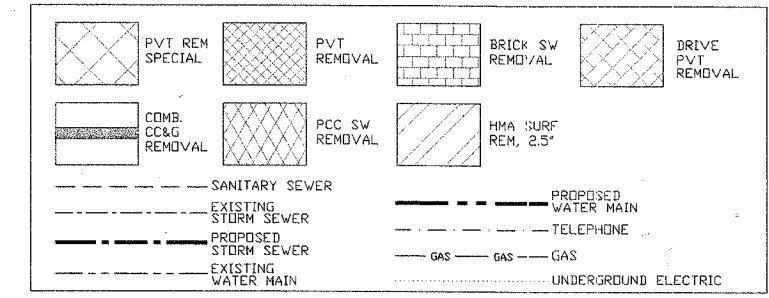
44000600
SIDEWALK REM
 STA. 29+12 RT 26.3 SQ FT
 STA. 29+26 LT 20.0 SQ FT
 STA. 29+80 RT 16.0 SQ FT
 STA. 29+90 LT 15.2 SQ FT
 STA. 30+23 RT 49.5 SQ FT
 STA. 30+40 LT 33.0 SQ FT
 STA. 30+52 LT 25.0 SQ FT
 STA. 30+55 RT 18.0 SQ FT
 STA. 30+72 LT 77.0 SQ FT
 STA. 30+90 LT 27.2 SQ FT
 STA. 31+12 RT 17.6 SQ FT
 STA. 31+41 LT 41.0 SQ FT
 STA. 31+48 RT 14.0 SQ FT
 STA. 31+73 RT 15.6 SQ FT
 STA. 31+90 LT 15.5 SQ FT
 STA. 32+15 RT 15.6 SQ FT
 STA. 32+48 RT 30.4 SQ FT
 STA. 32+95 RT 20.0 SQ FT
 STA. 32+95 LT 15.6 SQ FT
 STA. 33+21 RT 65.0 SQ FT
 STA. 33+45 RT 16.8 SQ FT
 STA. 33+55 LT 26.0 SQ FT
 STA. 33+97 RT 51.5 SQ FT
 STA. 34+25 LT 12.0 SQ FT
 STA. 34+30 RT 17.6 SQ FT
 STA. 34+85 LT 28.4 SQ FT
 STA. 34+95 RT 22.0 SQ FT
 STA. 35+37 LT 12.8 SQ FT
 STA. 35+50 RT 16.0 SQ FT
 STA. 35+78 RT 40.0 SQ FT

44004400
PAVEMENT REM SPL
 STA. 29+00 - 35+35 2,328.3 SQ YD

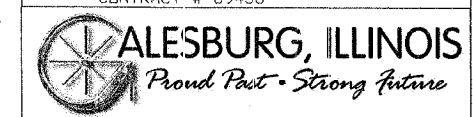
60500060
REMOV INLETS
 STA. 30+18 RT 1.0 EACH
 STA. 30+18 LT 1.0 EACH

#4001769
BRICK DRIVEWAY REM
 STA. 31+09 LT 11.9 SQ YD
 STA. 34+37 LT 15.0 SQ YD

XX002873
BRICK SIDEWALK REM
 STA. 29+97 LT 50.0 SQ FT



REMOVALS & EX. UTILITIES SHEET 3
 STA. 29+00 - 36+00
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-34-029-07
 CONTRACT # 89456



42300200	PCC DRIVEWAY PAVT 6
STA. 11+29 RT	15.5 SQ YD
STA. 11+41 LT	17.9 SQ YD
STA. 11+73 RT	15.2 SQ YD
STA. 12+15 LT	13.8 SQ YD

40600625	LEV BIND MM N50	1.2 TON
STA. 9+95 - 10+00		
40603335	HMA SC 'D' N50	1.7 TON
STA. 9+95 - 10+00		

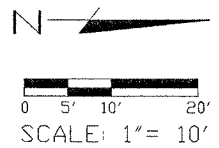
60604400	COMB. CC&G TB6.18	536.8 FT
STA. 10+00 - 15+27 RT		
		352.4 FT
STA. 10+00 - 13+45 LT		

42400100	PC CONCRETE SIDEWALK 4	224.6 SQ FT
STA. 9+90 LT		
STA. 9+96 RT		25.0 SQ FT
STA. 10+15 RT		12.0 SQ FT
STA. 10+45 RT		14.0 SQ FT
STA. 10+75 RT		19.8 SQ FT
STA. 11+07 LT		110.0 SQ FT
STA. 11+15 RT		16.4 SQ FT
STA. 11+55 RT		13.1 SQ FT
STA. 11+96 RT		50.0 SQ FT
STA. 11+98 LT		24.8 SQ FT
STA. 12+10 RT		11.3 SQ FT

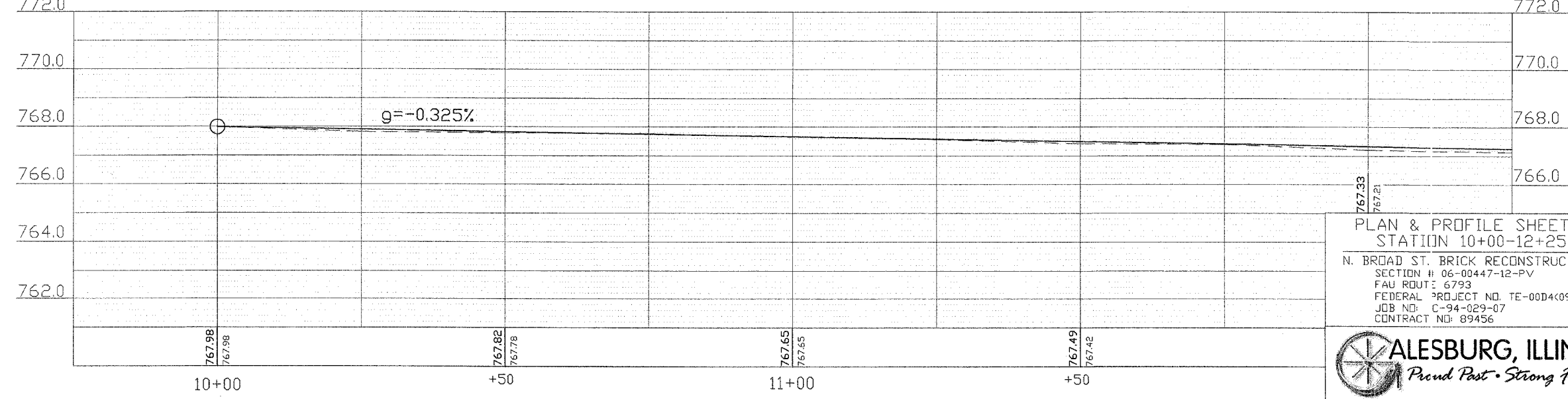
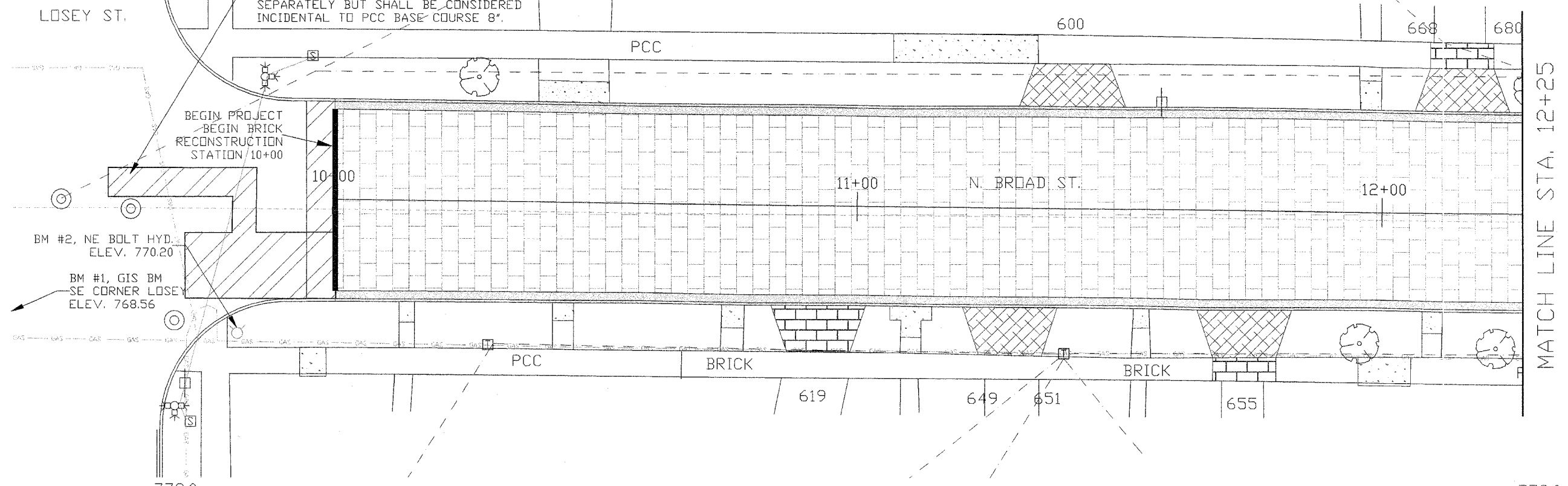
#4001768	BRICK DRIVEWAY PAVT	15.3 SQ YD
STA. 10+92 RT		
STA. 11+68 RT		6.9 SQ YD
STA. 12+10 LT		6.7 SQ YD
#4001772	CONCRETE HEADER	1.0 EACH
STA. 10+00 - 10+01		

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	10

	BRICK WEARING SURFACE		PCC SIDE-WALK, 8"		PCC DRIVEWAY PAVT, 6"		LEV BIND & HMA SC		SANITARY
	COMB. CC&G TB6.18		BRICK SIDEWALK		CONCRETE HEADER		PROP. STORM SEWER		EX. STORM SEWER
	PCC SIDE-WALK, 4"		BRICK DRIVEWAY PAVT.		UNDERGROUND TELEPHONE		GAS		



PCC BASE COURSE IN INTERSECTION SHALL BE CLASS PP-2 CONCRETE AS DEFINED IN SECTION 1020 OF THE STANDARD SPECS. THIS MIX SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO PCC BASE COURSE 8".



PLAN & PROFILE SHEET 1
 STATION 10+00-12+25
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUT: 6793
 FEDERAL PROJECT NO. TE-00D4(097)
 JOB NO: C-94-029-07
 CONTRACT NO: 89456



40600625 LEV BIND MM N50	STA. 13+37 - 13+76 LT	1.0 TON
40603335 HMA SC "D" N50	STA. 13+37 - 13+76 LT	3.1 TON
42400800 DETECTABLE WARNINGS	STA. 13+41 LT	8.0 SQ FT
	STA. 13+67 LT	8.0 SQ FT
60604400 COMB. CC&G TB6.18	STA. 13+56 - 14+84 LT	536.8 FT
	STA. 10+00 - 13+45 LT	352.4 FT
	STA. 13+65 - 19+85 LT	630.8 FT
550B0120 STORM SEW CL B 1 24	STA. 13+56 - 14+84 LT	127.8 FT
	STA. 14+88 - 15+47 LT	60.2 FT

42400100 PC CONCRETE SIDEWALK 4	STA. 12+56 RT	102.5 SQ FT
	STA. 12+61 LT	396.5 SQ FT
	STA. 12+80 RT	17.6 SQ FT
	STA. 12+80 LT	19.8 SQ FT
	STA. 13+30 LT	20.9 SQ FT
	STA. 13+41 LT	46.5 SQ FT
	STA. 13+45 RT	22.0 SQ FT
	STA. 14+05 LT	17.2 SQ FT
	STA. 14+25 RT	16.0 SQ FT
	STA. 14+34 RT	217.5 SQ FT
	STA. 14+60 LT	41.6 SQ FT
	STA. 14+83 LT	28.0 SQ FT
	STA. 14+91 RT	152.6 SQ FT
	STA. 14+95 RT	17.8 SQ FT
K1005863 TREE ROOT PRUNING	STA. 12+30 LT	1.0 EACH
	STA. 13+08 LT	1.0 EACH
	STA. 13+32 LT	1.0 EACH
	STA. 14+25 LT	1.0 EACH
	STA. 15+00 RT	1.0 EACH

42300200 PCC DRIVEWAY PAVT 6	STA. 12+41 RT	15.0 SQ YD
	STA. 13+00 RT	20.0 SQ YD
	STA. 13+00 LT	14.7 SQ YD
	STA. 13+73 RT	15.0 SQ YD
	STA. 14+41 RT	14.8 SQ YD
	STA. 15+00 LT	14.5 SQ YD
K1005881 TREE TRUNK PROTECTION	STA. 13+08 LT	1.0 EACH

60235700 INLETS TA T3F&G	STA. 12+55 R&L	2.0 EACH
	STA. 13+11 LT	1.0 EACH
	STA. 13+32 LT	1.0 EACH
	STA. 13+37 RT	1.0 EACH
	STA. 13+83 LT	1.0 EACH
	STA. 14+86 LT	1.0 EACH

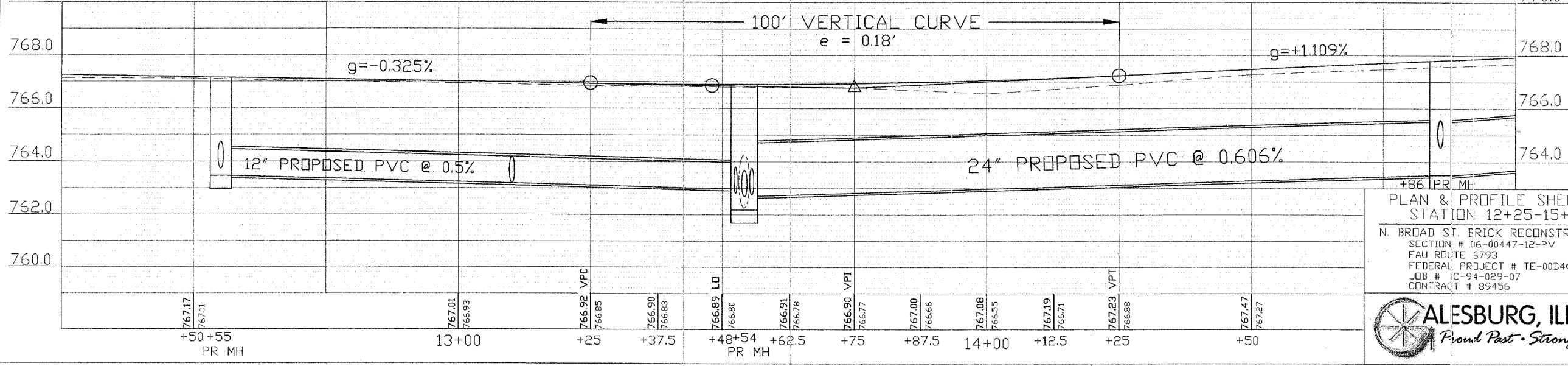
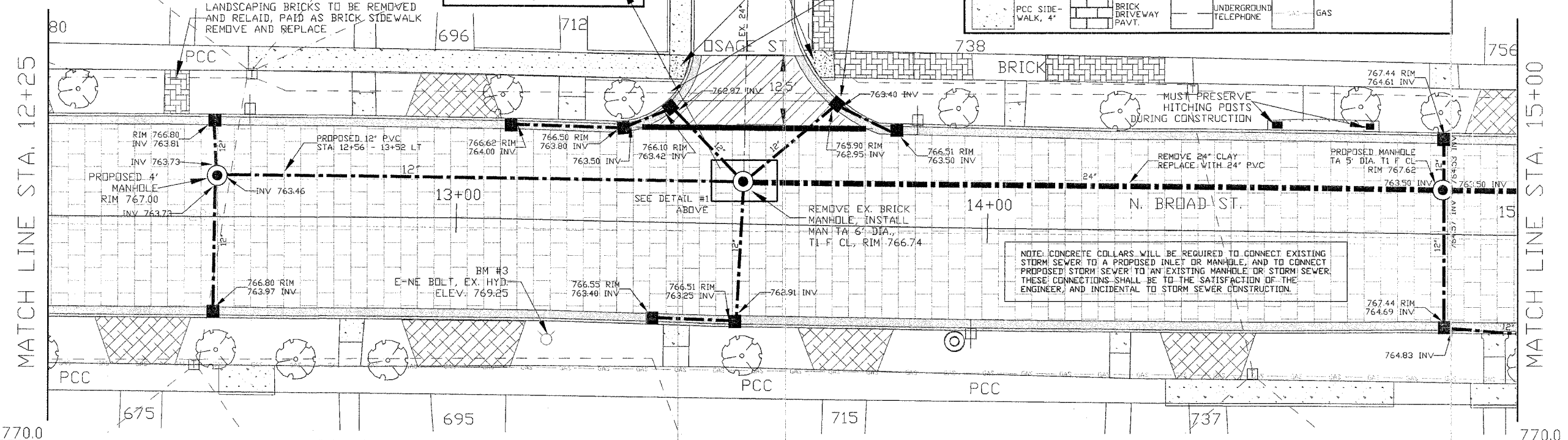
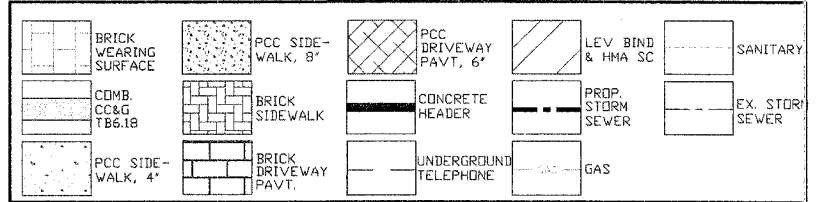
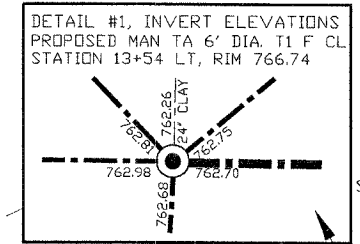
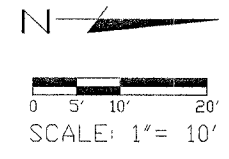
42400460 PC CONCRETE SIDEWALK 8 SP	STA. 13+41 LT	23.5 SQ FT
	STA. 13+67 LT	26.5 SQ FT
#4001772 CONCRETE HEADER	STA. 13+34 - 13+78 LT	1.0 EACH
#4001770 BRICK SIDEWALK	STA. 12+50 LT	34.0 SQ FT
	STA. 13+67 LT	60.0 SQ FT
	STA. 13+72 LT	132.5 SQ FT
	STA. 14+11 LT	121.0 SQ FT

550B0050 STORM SEW CL B 1 12	STA. 12+55 RT	23.6 FT
	STA. 12+55 LT	7.8 FT
	STA. 12+56 - 13+52 LT	95.8 FT
	STA. 13+10 LT	20.0 FT
	STA. 13+32 - 13+40 LT	7.8 FT
	STA. 13+37 - 13+51 RT	13.6 FT
	STA. 13+41 - 13+54 LT	17.4 FT
	STA. 13+53 RT	24.2 FT
	STA. 13+54 - 13+71 LT	20.5 FT
	STA. 13+72 - 13+82 LT	10.4 FT
	STA. 14+86 RT	23.6 FT
	STA. 14+86 LT	8.0 FT
	STA. 14+87 - 15+20 RT	34.3 FT

60240220 INLETS TB T3F&G	STA. 13+41 LT	1.0 EACH
	STA. 13+55 RT	1.0 EACH
	STA. 13+72 LT	1.0 EACH
	STA. 14+86 RT	1.0 EACH
60218400 MAN TA 4 DIA T1F CL	STA. 12+55 LT	1.0 EACH
60221100 MAN TA 5 DIA T1F CL	STA. 14+86 LT	1.0 EACH
60223800 MAN TA 6 DIA T1F CL	STA. 13+54 LT	1.0 EACH

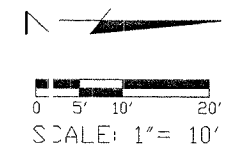
20800150 TRENCH BACKFILL	STA. 12+55 RT	3.4 CU YD
	STA. 12+55 LT	1.2 CU YD
	STA. 12+57 - 13+51 LT	19.5 CU YD
	STA. 13+10 LT	2.5 CU YD
	STA. 13+32 - 13+40 LT	1.0 CU YD
	STA. 13+37 - 13+51 RT	2.2 CU YD
	STA. 13+41 - 13+54 LT	3.0 CU YD
	STA. 13+53 RT	5.0 CU YD
	STA. 13+54 - 13+71 LT	3.9 CU YD
	STA. 13+56 - 14+84 LT	14.9 CU YD
	STA. 13+72 - 13+82 LT	1.5 CU YD
	STA. 14+86 RT	3.2 CU YD
	STA. 14+86 LT	1.1 CU YD
	STA. 14+87 - 15+20 RT	3.6 CU YD
	STA. 14+88 - 15+47 LT	7.0 CU YD

SECTION #	TOTAL SHEETS	SHEET NO.
06-0047-12-PV	50	11



+86 IPR MH
PLAN & PROFILE SHEET 2
STATION 12+25-15+00
 N. BROAD ST. ERICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 5793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # IC-94-029-07
 CONTRACT # 89456

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	12



42400800 DETECTABLE WARNINGS	
STA. 15+10 RT	8.0 SQ FT
STA. 15+10 LT	8.0 SQ FT
STA. 15+21 RT	8.0 SQ FT
STA. 15+60 RT	8.0 SQ FT

40600625 LEV BIND MM N50	
STA. 15+27 - 15+59 RT	3.6 TON

60604400 COMB. CC&G TB6.18	
STA. 10+00 - 15+27 RT	536.8 FT
STA. 13+65 - 19+85 LT	630.8 FT
STA. 15+58 - 19+92 RT	446.2 FT

42300200 PCC DRIVEWAY PAVT 6	
STA. 15+65 LT	14.3 SQ YD
STA. 16+29 LT	14.5 SQ YD
STA. 17+06 RT	15.5 SQ YD
STA. 17+60 LT	16.2 SQ YD
STA. 17+71 RT	14.8 SQ YD

40603335 HMA SC 'D' N50	
STA. 15+27 - 15+58 RT	5.4 TON

#4001768 BRICK DRIVEWAY PAVT	
STA. 16+95 LT	150 SQ YD

42400100 PC CONCRETE SIDEWALK 4	
STA. 15+10 RT	28.0 SQ FT
STA. 15+10 LT	20.0 SQ FT
STA. 15+50 LT	26.3 SQ FT
STA. 15+60 LT	229.0 SQ FT
STA. 15+60 RT	41.0 SQ FT
STA. 16+10 LT	23.0 SQ FT
STA. 16+19 RT	25.0 SQ FT
STA. 16+22 LT	25.5 SQ FT
STA. 16+33 RT	11.5 SQ FT
STA. 16+75 RT	17.6 SQ FT
STA. 17+30 LT	22.0 SQ FT
STA. 17+38 RT	78.0 SQ FT
STA. 17+50 RT	20.4 SQ FT

42400460 PC CONCRETE SIDEWALK 8 SP	
STA. 15+10 LT	20.0 SQ FT
STA. 15+10 RT	20.0 SQ FT
STA. 15+21 RT	20.0 SQ FT
STA. 15+60 RT	20.0 SQ FT

550B0050 STORM SEW CL B 1 12	
STA. 14+87 - 15+20 RT	34.3 FT
STA. 15+43 - 15+49 LT	9.2 FT
STA. 15+43 - 15+55 LT	11.4 FT
STA. 15+49 - 15+60 RT	13.9 FT
STA. 15+63 - 15+77 RT	16.8 FT

K1005863 TREE ROOT PRUNING	
STA. 17+43 RT	1.0 EACH

60240220 INLETS TB T3F&G	
STA. 15+43 LT	1.0 EACH
STA. 15+61 RT	1.0 EACH

60300305 FR & LIDS ADJUST	
STA. 15+50 RT	1.0 EACH

60235700 INLETS TA T3F&G	
STA. 15+22 RT	1.0 EACH
STA. 15+55 LT	1.0 EACH
STA. 15+79 RT	1.0 EACH

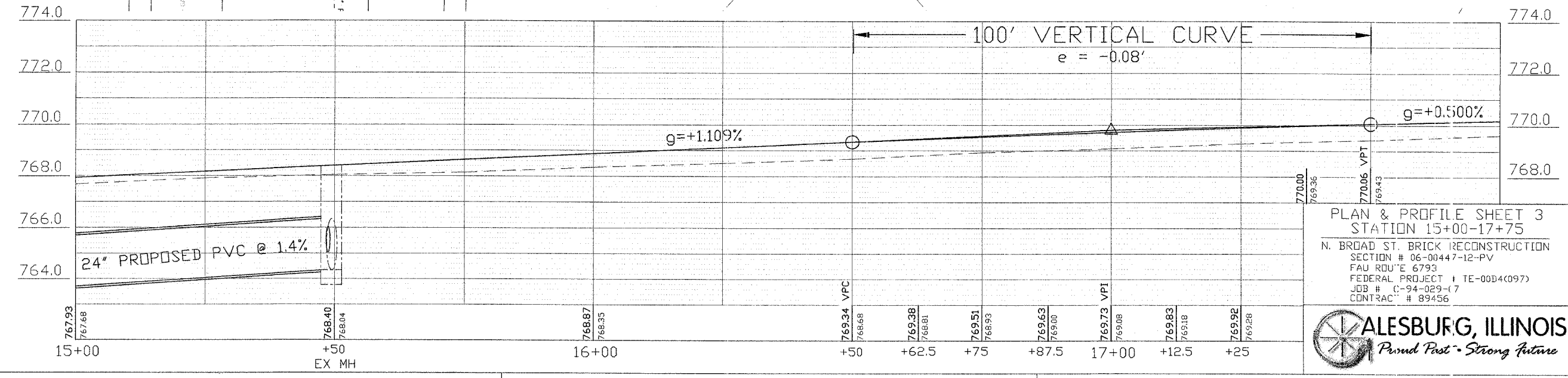
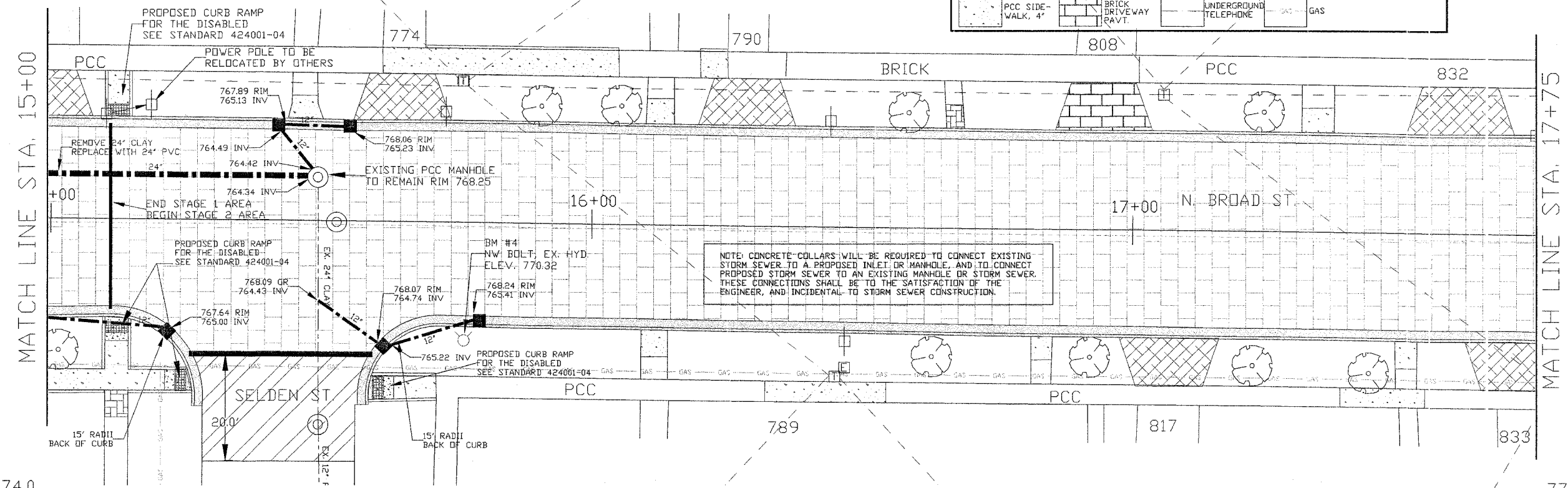
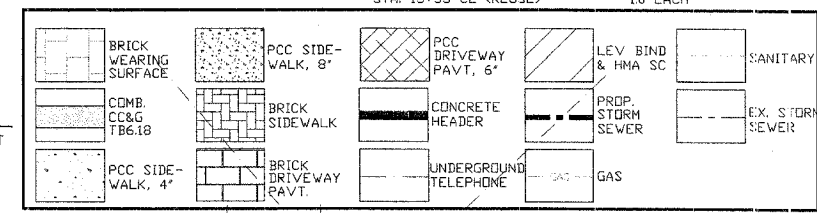
550B0120 STORM SEW CL B 1 24	
STA. 14+88 - 15+47 LT	60.2 FT

#4001770 BRICK SIDEWALK	
STA. 15+10 RT	23.5 SQ FT
STA. 16+60 LT	14.1 SQ FT

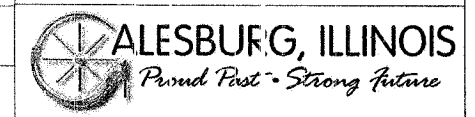
#4001772 CONCRETE HEADER	
STA. 15+25 - 15+60 RT	1.0 EACH

20800150 TRENCH BACKFILL	
STA. 14+88 - 15+47 LT	7.0 CU YD
STA. 15+43 - 15+49 LT	1.1 CU YD
STA. 15+43 - 15+55 LT	2.3 CU YD
STA. 15+49 - 15+60 RT	2.6 CU YD
STA. 15+63 - 15+77 RT	2.1 CU YD

60300310 FR & LIDS ADJUST SPL	
STA. 15+51 LT (REPL)	1.0 EACH
STA. 15+53 CL (REUSE)	1.0 EACH



PLAN & PROFILE SHEET 3
STATION 15+00-17+75
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-(7)
CONTRACT # 89456



40600625	LEV BIND MM N50
STA. 19+83 - 20+09 LT	0.8 TON
STA. 19+91 - 20+18 RT	0.8 TON
40603335	HMA SC 'D' N50
STA. 19+83 - 20+09 LT	1.2 TON
STA. 19+91 - 20+18 RT	1.2 TON

42300200	PCC DRIVEWAY PAVT 6
STA. 18+36 RT	15.2 SQ YD
STA. 18+98 LT	20.4 SQ YD
STA. 19+00 RT	15.0 SQ YD
42400800	DETECTABLE WARNINGS
STA. 19+70 RT	8.0 SQ FT
STA. 19+70 LT	8.0 SQ FT
STA. 19+80 LT	8.0 SQ FT
STA. 20+24 LT	8.0 SQ FT
STA. 20+27 RT	8.0 SQ FT

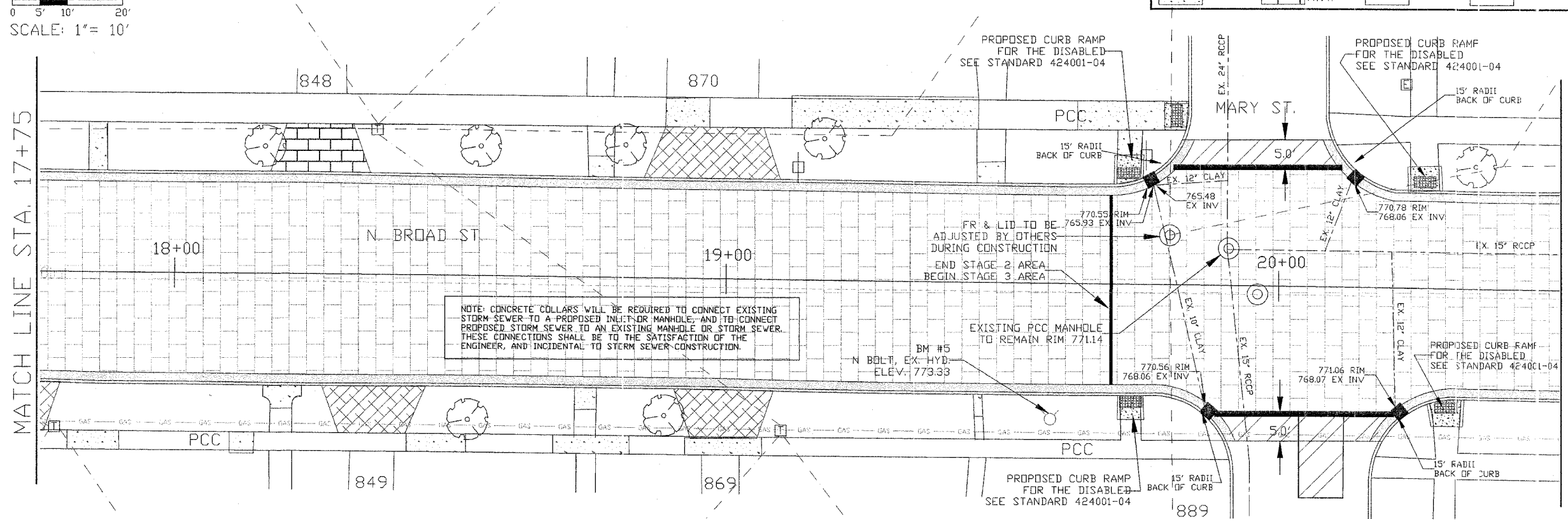
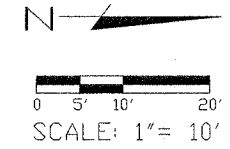
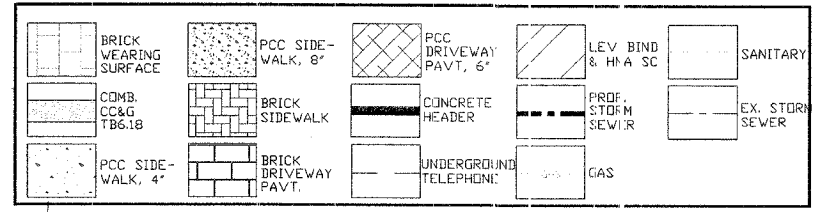
42400100	PC CONCRETE SIDEWALK 4
STA. 17+81 RT	47.0 SQ FT
STA. 17+85 LT	21.1 SQ FT
STA. 18+10 RT	22.0 SQ FT
STA. 18+20 RT	22.6 SQ FT
STA. 18+42 RT	54.0 SQ FT
STA. 18+69 RT	69.5 SQ FT
STA. 18+75 RT	16.0 SQ FT
STA. 18+80 LT	19.0 SQ FT
STA. 18+91 LT	40.0 SQ FT
STA. 18+93 RT	69.5 SQ FT
STA. 19+12 LT	169.0 SQ FT
STA. 19+50 RT	11.6 SQ FT
STA. 19+50 LT	19.2 SQ FT
STA. 19+65 LT	102.5 SQ FT

42400460	PC CONCRETE SIDEWALK 8 SP
STA. 19+70 RT	20.0 SQ FT
STA. 19+70 LT	20.0 SQ FT
STA. 19+80 LT	20.0 SQ FT
STA. 20+24 LT	20.0 SQ FT
STA. 20+27 RT	20.0 SQ FT
60235700	INLETS TA T3F&G
STA. 19+88 RT	1.0 EACH
STA. 20+14 LT	1.0 EACH
STA. 20+21 RT	1.0 EACH

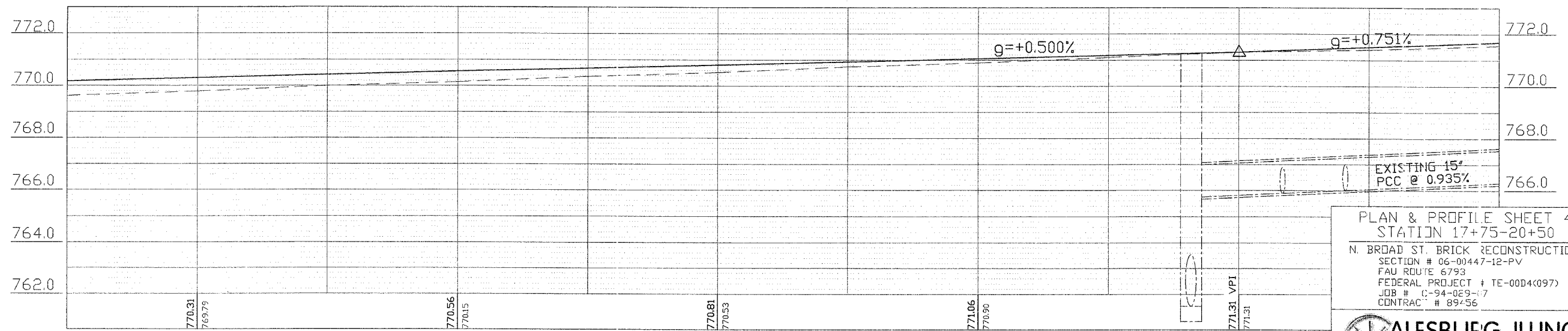
60240220	INLETS TB T3F&G
STA. 19+76 LT	1.0 EACH
60300310	FR & LIDS ADJUST SPL.
STA. 19+91 LT (REPL)	1.0 EACH
STA. 19+96 CL (REPL)	1.0 EACH
#4001772	CONCRETE HEADER
STA. 19+81 - 20+12 LT	1.0 EACH
STA. 19+88 - 20+21 RT	1.0 EACH

60604400	COMB. CC&G TB6.18
STA. 13+65 - 19+85 LT	630.8 FT
STA. 15+58 - 19+92 RT	446.2 FT
STA. 20+07 - 35+87 LT	1,583.2 FT
STA. 20+16 - 35+90 RT	1,578.0 FT
#4001768	BRICK DRIVEWAY PAVT
STA. 18+27 LT	14.3 SQ YD

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	13



NOTE: CONCRETE COLLARS WILL BE REQUIRED TO CONNECT EXISTING STORM SEWER TO A PROPOSED INLET OR MANHOLE, AND TO CONNECT PROPOSED STORM SEWER TO AN EXISTING MANHOLE OR STORM SEWER. THESE CONNECTIONS SHALL BE TO THE SATISFACTION OF THE ENGINEER, AND INCIDENTAL TO STORM SEWER CONSTRUCTION.



PLAN & PROFILE SHEET 4
STATION 17+75-20+50
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-17
CONTRACT # 89-56



42300200 PCC DRIVEWAY PAVT 6	
STA. 20+91 LT	14.8 SQ YD
STA. 21+42 LT	14.5 SQ YD
STA. 21+93 RT	15.0 SQ YD
STA. 22+10 LT	14.5 SQ YD
STA. 22+54 RT	21.2 SQ YD
STA. 22+87 LT	14.5 SQ YD

42400100 PC CONCRETE SIDEWALK 4	
STA. 20+55 LT	19.8 SQ FT
STA. 20+70 RT	20.0 SQ FT
STA. 21+20 LT	17.6 SQ FT
STA. 21+22 RT	20.3 SQ FT
STA. 21+31 RT	128.5 SQ FT
STA. 21+70 RT	19.4 SQ FT
STA. 21+71 LT	50.5 SQ FT
STA. 21+72 RT	75.0 SQ FT
STA. 21+80 LT	19.5 SQ FT
STA. 22+25 RT	20.0 SQ FT
STA. 22+36 RT	237.5 SQ FT
STA. 23+25 LT	21.5 SQ FT

60235700 INLETS TA T3F&G	
STA. 22+38 R&L	20 EACH
60218400 MAN TA 4 DIA TIF CL	
STA. 22+38 LT	10 EACH

60604400 COMB. CC&G TB6.18	
STA. 20+07 - 35+87 LT	1,583.2 FT
STA. 20+16 - 35+90 RT	1,578.0 FT

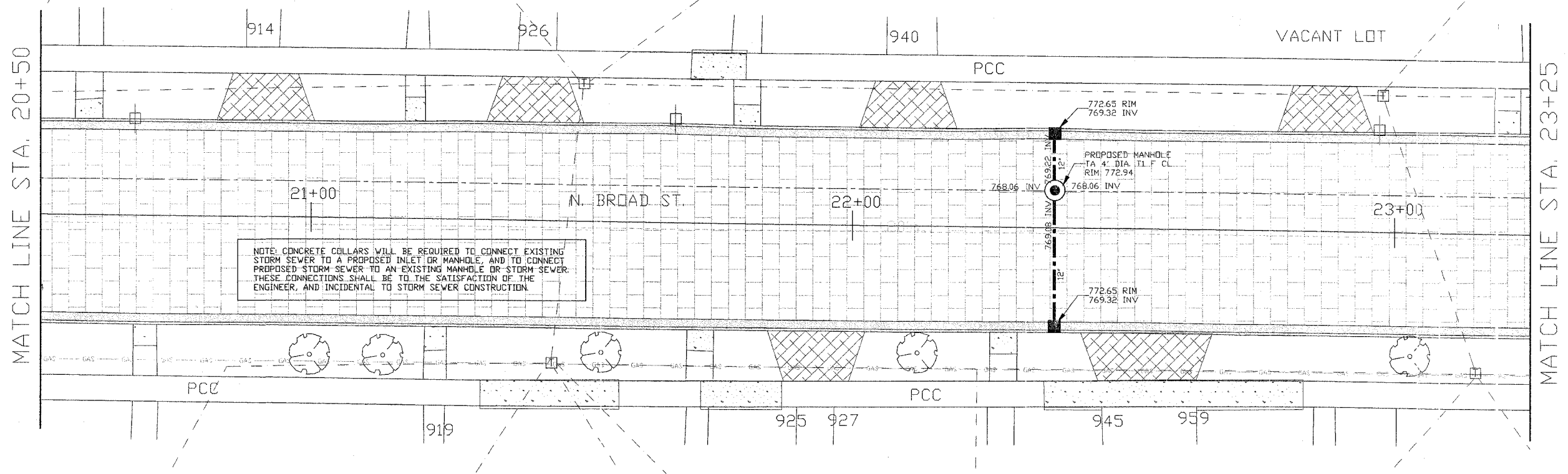
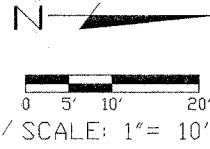
20800150 TRENCH BACKFILL	
STA. 22+38 LT	1.5 CU YD
STA. 22+38 RT	4.6 CU YD

550B0050 STORM SEW CL B 1 12	
STA. 22+38 LT	8.1 FT
STA. 22+38 RT	23.3 FT

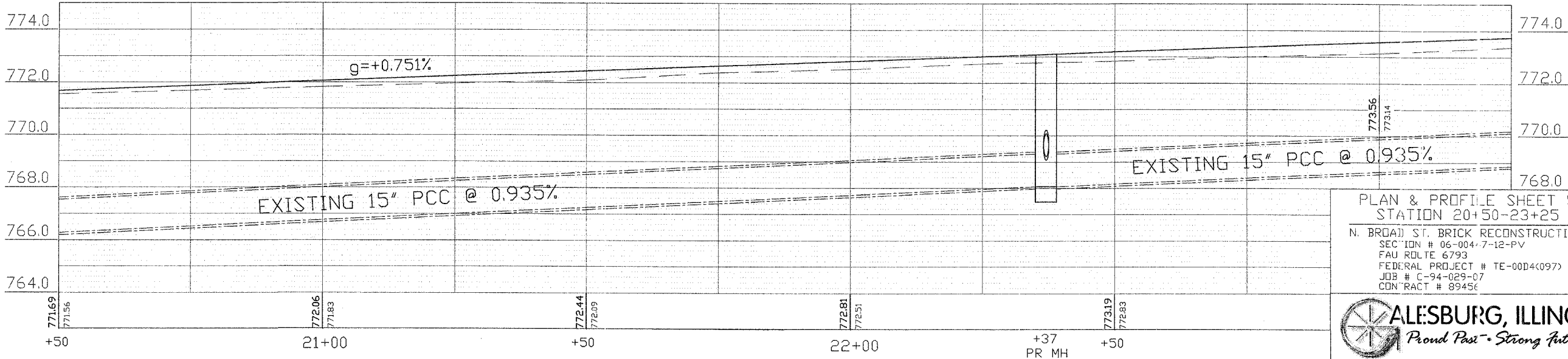
K1005863 TREE ROOT PRUNING	
STA. 21+54 RT	1.0 EACH

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	14

	BRICK WEARING SURFACE		PCC SIDE-WALK, 8"		PCC DRIVEWAY PAVT, 6"		LEV BIND & HMA SC		SANITARY
	COMB. CC&G TB6.18		BRICK SIDEWALK		CONCRETE HEADER		PROP STORM SEWER		EX. STORM SEWER
	PCC SIDE-WALK, 4"		BRICK DRIVEWAY PAVT.		UNDERGROUND TELEPHONE		GAS		



NOTE: CONCRETE COLLARS WILL BE REQUIRED TO CONNECT EXISTING STORM SEWER TO A PROPOSED INLET OR MANHOLE, AND TO CONNECT PROPOSED STORM SEWER TO AN EXISTING MANHOLE OR STORM SEWER. THESE CONNECTIONS SHALL BE TO THE SATISFACTION OF THE ENGINEER, AND INCIDENTAL TO STORM SEWER CONSTRUCTION.



PLAN & PROFILE SHEET 5
STATION 20+50-23+25
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-004-7-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456

42300200 PCC DRIVEWAY PAVT 6	
STA. 23+54 LT	14.7 SQ YD
STA. 23+75 RT	20.5 SQ YD
STA. 24+09 LT	14.5 SQ YD
STA. 24+38 RT	14.8 SQ YD
STA. 24+93 RT	15.0 SQ YD
STA. 25+21 LT	14.7 SQ YD
STA. 25+42 RT	15.0 SQ YD

42400100 PC CONCRETE SIDEWALK 4	
STA. 23+29 RT	92.5 SQ FT
STA. 23+60 RT	180 SQ FT
STA. 24+04 LT	600 SQ FT
STA. 24+34 RT	930 SQ FT
STA. 24+65 LT	253 SQ FT
STA. 24+75 RT	204 SQ FT
STA. 24+79 RT	25.0 SQ FT
STA. 25+24 RT	69.5 SQ FT
STA. 25+25 RT	20.5 SQ FT
STA. 25+75 RT	21.0 SQ FT
STA. 25+85 LT	16.0 SQ FT

550B0090 STORM SEW CL. B 1 18	
STA. 24+11 - 26+30 LT	218.6 FT

60235700 INLETS TA T3F&G	
STA. 24+19 R&L	2.0 EACH

20800150 TRENCH BACKFILL	
STA. 24+12 - 26+29 LT	67.8 CU YD

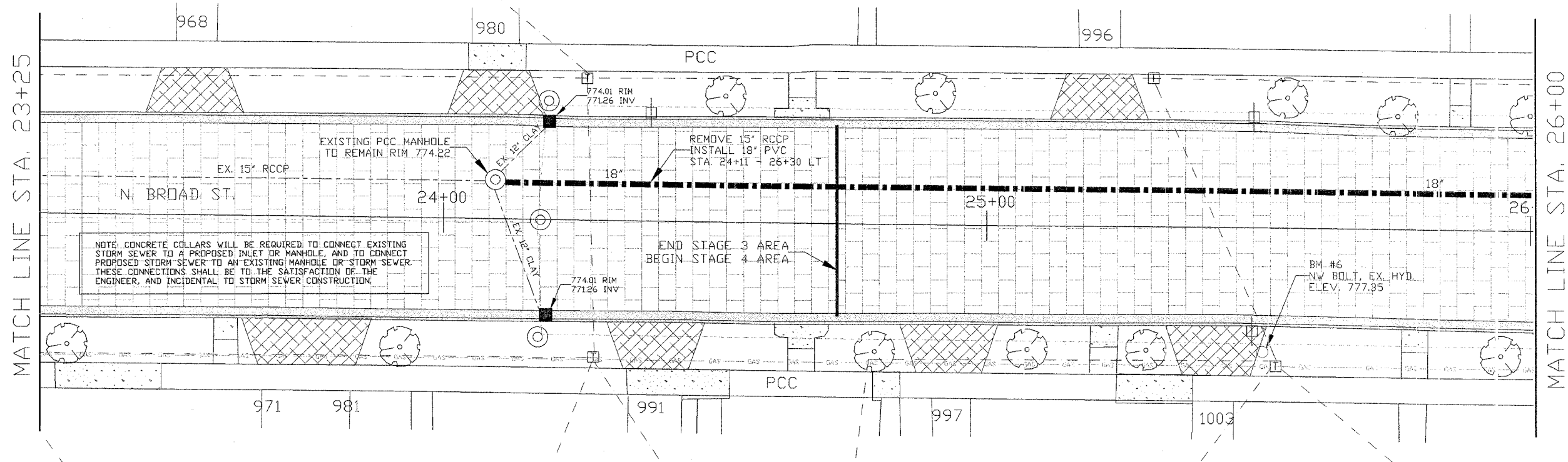
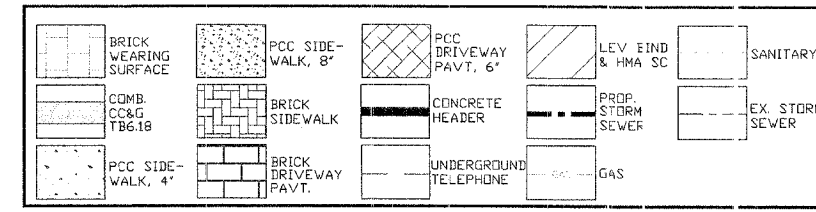
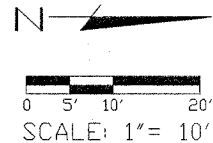
K1005863 TREE ROOT PRUNING	
STA. 23+66 RT	1.0 EACH
STA. 25+29 RT	1.0 EACH

60300310 FR & LIDS ADJUST SPL	
STA. 24+10 LT (REPL)	1.0 EACH
STA. 24+18 CL (REUSE)	1.0 EACH

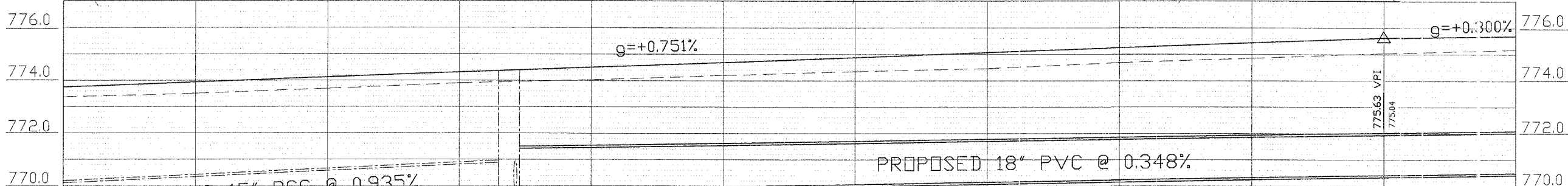
60604400 COMB. CC&G TB6.18	
STA. 20+07 - 35+87 LT	1,583.2 FT
STA. 20+16 - 35+90 RT	1,578.0 FT

K1005881 TREE TRUNK PROTECTION	
STA. 25+30 RT	1.0 EACH

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	15



NOTE: CONCRETE COLLARS WILL BE REQUIRED TO CONNECT EXISTING STORM SEWER TO A PROPOSED INLET OR MANHOLE, AND TO CONNECT PROPOSED STORM SEWER TO AN EXISTING MANHOLE OR STORM SEWER. THESE CONNECTIONS SHALL BE TO THE SATISFACTION OF THE ENGINEER, AND INCIDENTAL TO STORM SEWER CONSTRUCTION.



Station	Elevation (ft)
24+00	773.94
24+00	773.51
24+00 +09 EX MH	774.31
24+00	773.90
25+00	774.69
25+00	774.20
25+00	775.06
25+00	774.46
25+00	775.44
25+00	774.85

PLAN & PROFILE SHEET 6
STATION 22-25-26+00
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-004-17-12-PV
FAU ROL TE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456

60300310
FR & LIDS ADJUST SPL
STA. 27+15 LT (REPL) 1.0 EACH

42300200
PCC DRIVEWAY PAVT 6
STA. 26+09 RT 14.7 SQ YD
STA. 26+18 LT 14.5 SQ YD
STA. 26+76 RT 14.7 SQ YD
STA. 26+87 LT 14.7 SQ YD
STA. 27+40 RT 14.7 SQ YD
STA. 27+89 LT 14.5 SQ YD
STA. 28+03 RT 14.0 SQ YD
STA. 28+44 LT 14.5 SQ YD
STA. 28+71 RT 14.5 SQ YD

42400100
PC CONCRETE SIDEWALK 4
STA. 26+50 RT 16.8 SQ FT
STA. 26+60 LT 17.5 SQ FT
STA. 27+18 RT 18.0 SQ FT
STA. 27+20 LT 44.5 SQ FT
STA. 27+77 RT 14.0 SQ FT
STA. 27+77 LT 13.6 SQ FT
STA. 28+23 LT 19.3 SQ FT
STA. 28+36 LT 66.5 SQ FT
STA. 28+38 RT 17.0 SQ FT
STA. 28+46 RT 25.0 SQ FT
STA. 28+75 LT 24.7 SQ FT

550B0050
STORM SEW CL B 1 12
STA. 26+31 LT 9.7 FT
STA. 26+31 RT 21.1 FT
STA. 28+30 LT 10.1 FT
STA. 28+30 RT 21.2 FT

60241800
INLETS TG-1
STA. 28+30 R&L 2.0 EACH

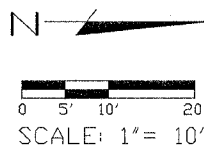
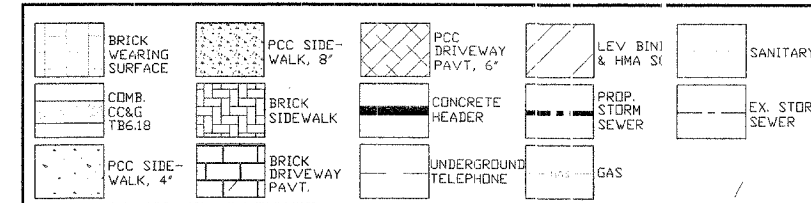
60218400
MAN TA 4 DIA TIF CL
STA. 26+31 LT 1.0 EACH
STA. 28+30 LT 1.0 EACH

60604400
C&G TB6.18
STA. 20+07 - 35+87 LT 1,533.2 FT
STA. 20+16 - 35+90 RT 1,578.0 FT

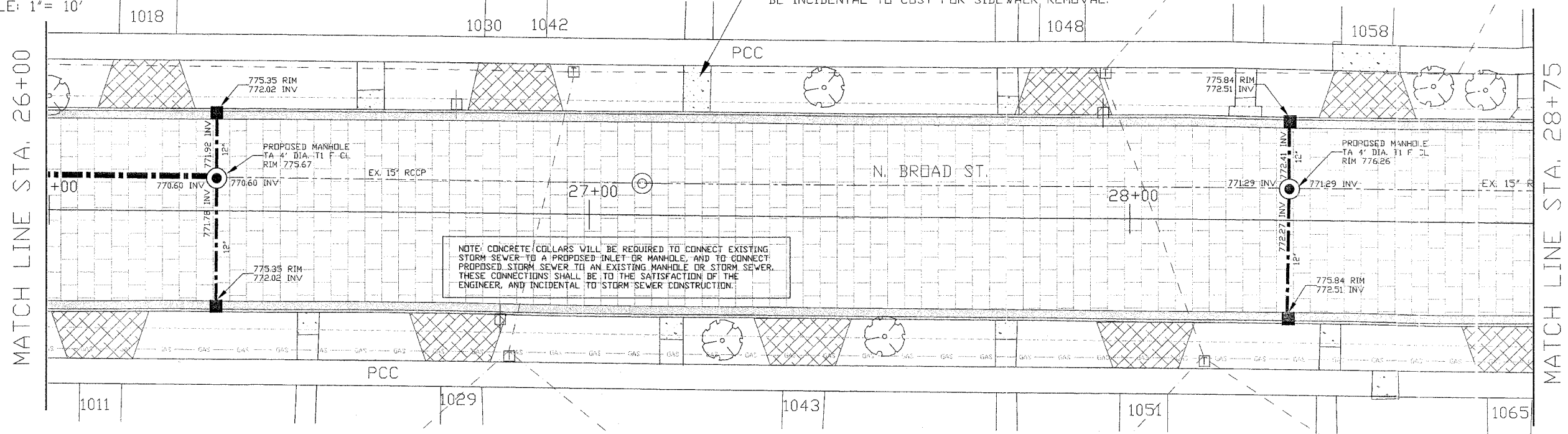
550B0090
STORM SEW CL B 1 18
STA. 24+11 - 26+30 LT 218.6 FT

60235700
INLETS TA T3F&G
STA. 26+31 R&L 2.0 EACH

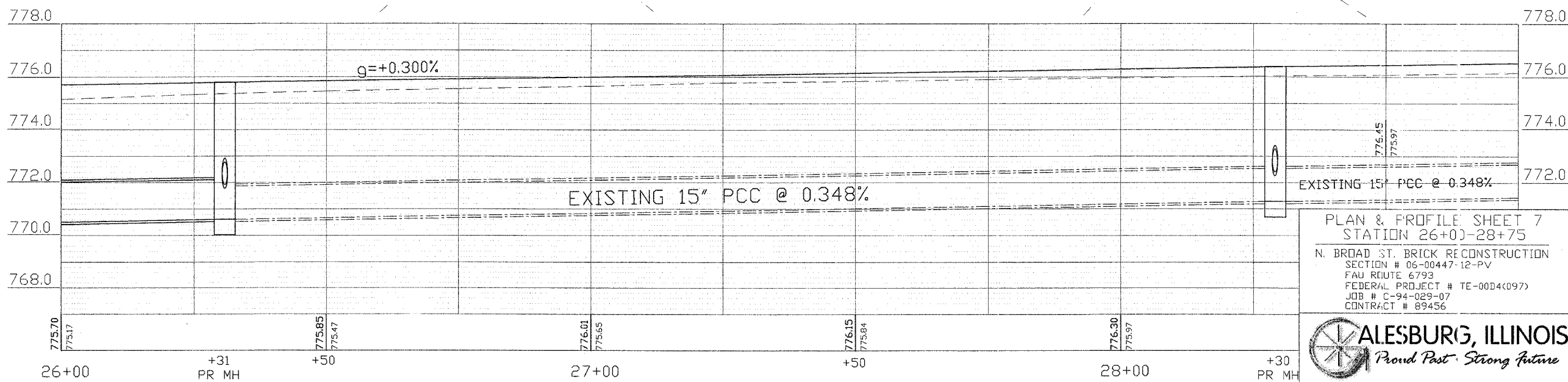
SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-FV	50	16



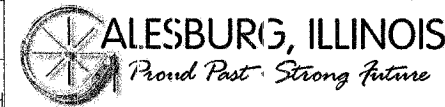
HANDRAIL LOCATED IN SIDEWALK TO BE REMOVED AND REPLACED WITH SERVICE WALK. THE COST OF THE HANDRAIL SHALL BE INCIDENTAL TO COST FOR SIDEWALK REMOVAL.



NOTE: CONCRETE COLLARS WILL BE REQUIRED TO CONNECT EXISTING STORM SEWER TO A PROPOSED INLET OR MANHOLE, AND TO CONNECT PROPOSED STORM SEWER TO AN EXISTING MANHOLE OR STORM SEWER. THESE CONNECTIONS SHALL BE TO THE SATISFACTION OF THE ENGINEER, AND INCIDENTAL TO STORM SEWER CONSTRUCTION.



PLAN & PROFILE SHEET 7
STATION 26+00-28+75
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



20800150 TRENCH BACKFILL		
STA. 30+13 - 31+32 LT	33.5 CU YD	
STA. 31+33 RT	4.4 CU YD	
STA. 31+33 LT	1.7 CU YD	

#4001768 BRICK DRIVEWAY PAVT		
STA. 29+97 LT	5.6 SQ YD	
STA. 31+09 LT	19.8 SQ YD	

42300200 PCC DRIVEWAY PAVT 6		
STA. 28+95 LT	15.0 SQ YD	
STA. 29+36 RT	14.8 SQ YD	
STA. 29+50 LT	15.8 SQ YD	
STA. 30+00 RT	15.0 SQ YD	
STA. 30+00 LT	19.3 SQ YD	
STA. 30+58 LT	19.7 SQ YD	
STA. 30+65 RT	14.7 SQ YD	
STA. 31+24 RT	15.3 SQ YD	

60218400 MAN TA 4 DIA TIF CL		
STA. 31+34 LT	1.0 EACH	

60300310 FR & LIDS ADJUST SPL		
STA. 30+11 LT (REPL)	1.0 EACH	

42400100 PC CONCRETE SIDEWALK 4		
STA. 29+12 RT	26.3 SQ FT	
STA. 29+26 LT	20.0 SQ FT	
STA. 29+80 RT	16.0 SQ FT	
STA. 29+90 LT	15.2 SQ FT	
STA. 30+23 RT	49.5 SQ FT	
STA. 30+40 LT	33.0 SQ FT	
STA. 30+52 LT	25.0 SQ FT	
STA. 30+55 RT	18.0 SQ FT	
STA. 30+72 LT	77.0 SQ FT	
STA. 30+90 LT	27.2 SQ FT	
STA. 31+12 RT	17.6 SQ FT	
STA. 31+41 LT	41.0 SQ FT	
STA. 31+48 LT	14.0 SQ FT	

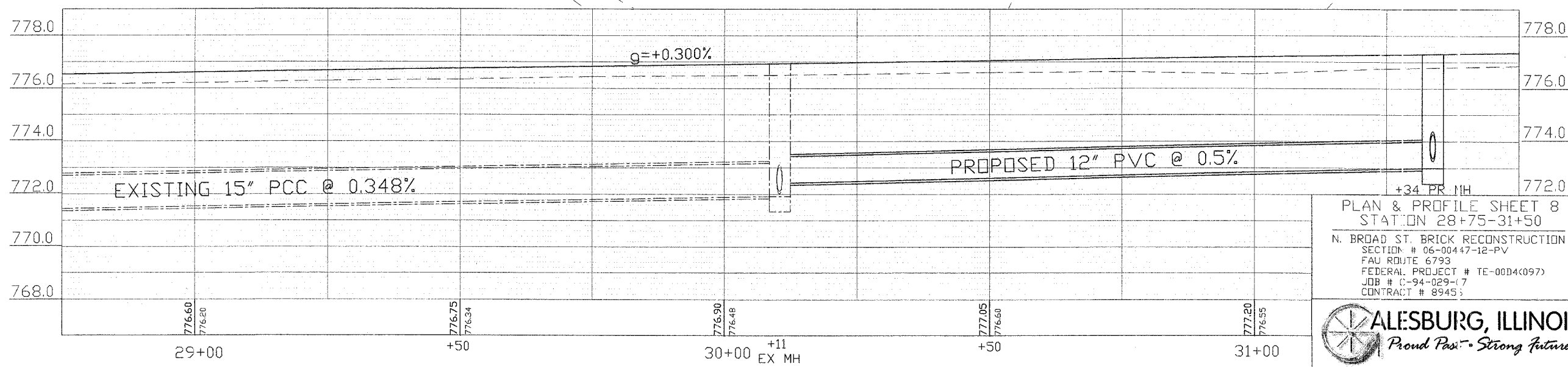
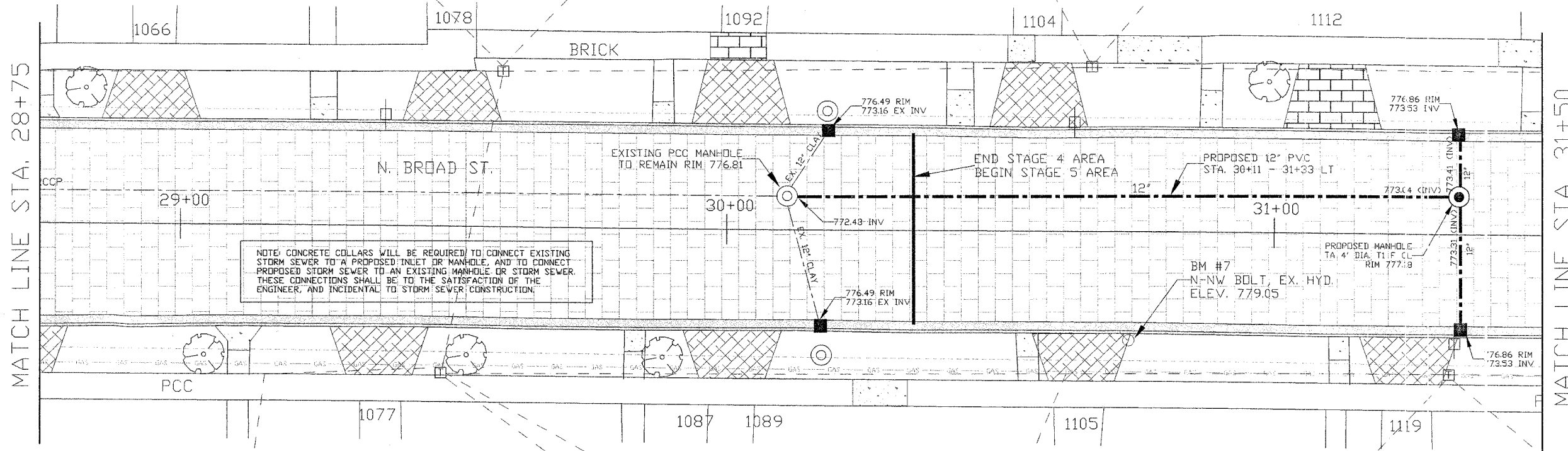
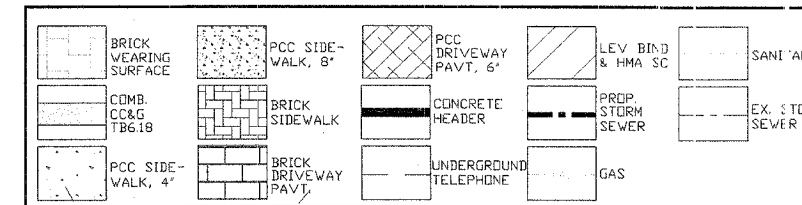
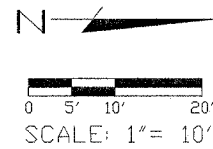
K1005863 TREE ROOT PRUNING		
STA. 29+05 RT	1.0 EACH	

550B0050 STORM SEW CL B 1 12		
STA. 30+11 - 31+33 LT	1202 FT	
STA. 31+33 RT	22.0 FT	
STA. 31+33 LT	8.9 FT	

60235700 INLETS TA T3F&G		
STA. 30+17 R&L	2.0 EACH	
STA. 31+34 R&L	2.0 EACH	

60604400 COMB. CC&G TB6.18		
STA. 20+07 - 35+87 LT	1,583.2 FT	
STA. 20+16 - 35+90 RT	1,578.0 FT	

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	17



PLAN & PROFILE SHEET 8
STATION 28+75-31+50
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-(7)
CONTRACT # 89453

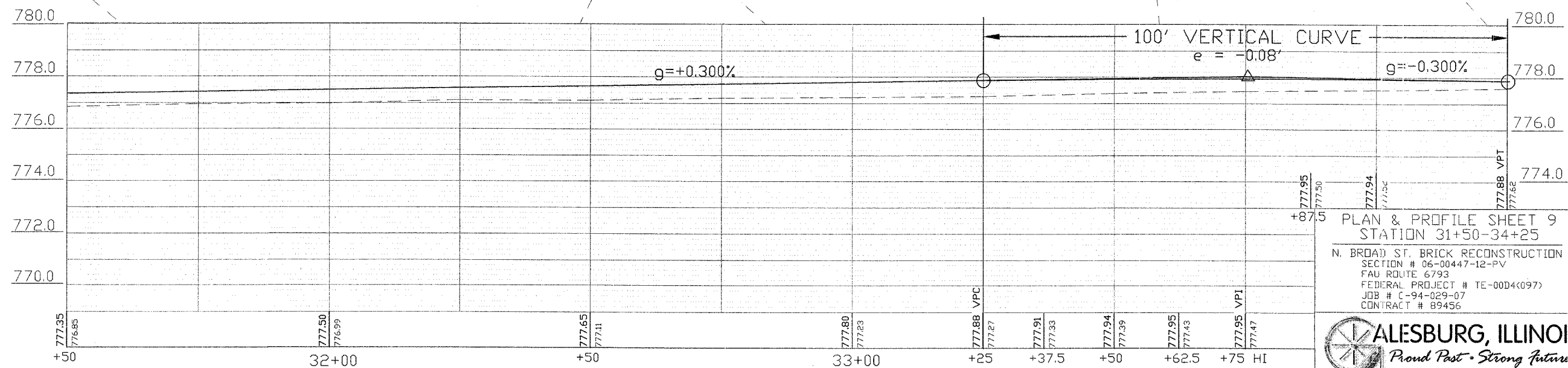
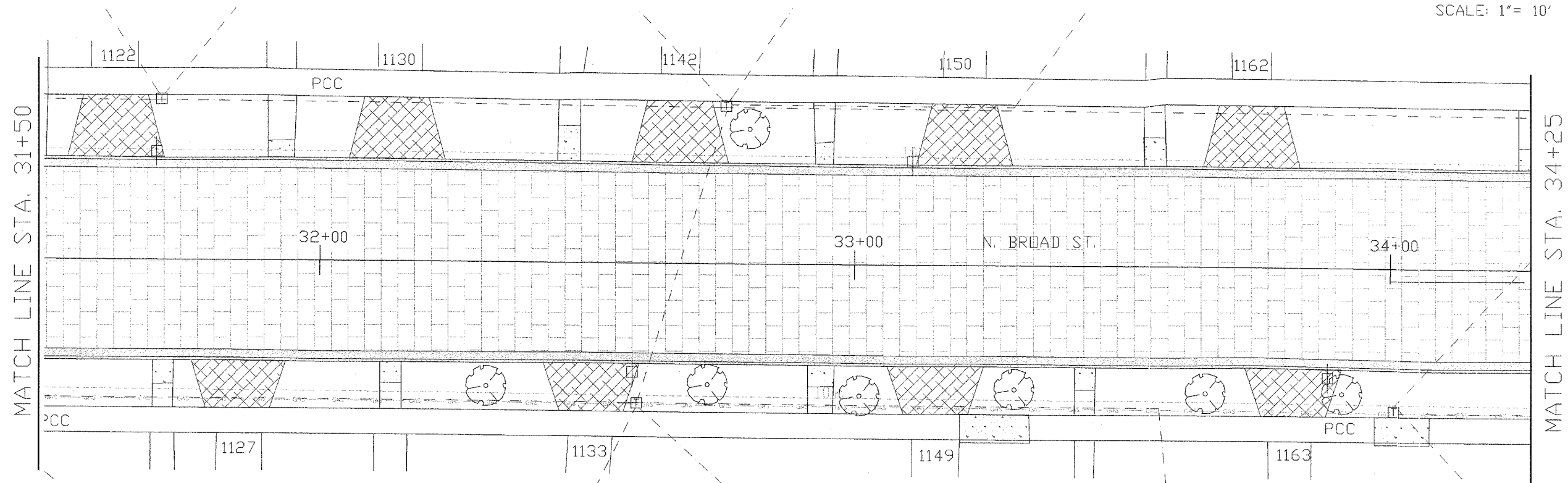
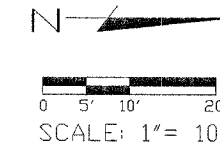
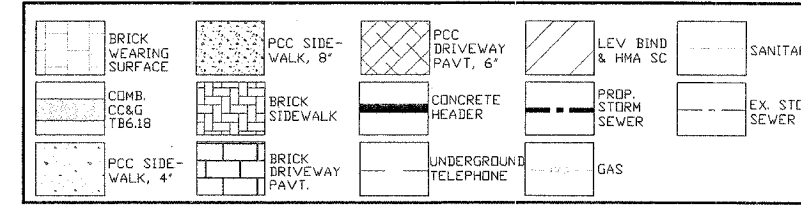
42300200 PCC DRIVEWAY PAVT 6		
STA. 31+62 LT	19.8 SQ YD	
STA. 31+85 RT	15.0 SQ YD	
STA. 32+14 LT	11.5 SQ YD	
STA. 32+52 RT	14.8 SQ YD	
STA. 32+68 LT	19.3 SQ YD	
STA. 33+15 RT	14.7 SQ YD	
STA. 33+21 LT	19.5 SQ YD	
STA. 33+74 LT	19.2 SQ YD	
STA. 33+82 RT	14.5 SQ YD	

42400100 PC CONCRETE SIDEWALK 4		
STA. 31+73 RT	15.6 SQ FT	
STA. 31+90 LT	15.5 SQ FT	
STA. 32+15 RT	15.6 SQ FT	
STA. 32+48 LT	30.4 SQ FT	
STA. 32+95 RT	20.0 SQ FT	
STA. 32+95 LT	15.6 SQ FT	
STA. 33+21 RT	65.0 SQ FT	
STA. 33+45 RT	16.8 SQ FT	
STA. 33+55 LT	26.0 SQ FT	
STA. 33+97 RT	51.5 SQ FT	
STA. 34+25 LT	12.0 SQ FT	

60604400 CUMB. CC&G TB6.18		
STA. 20+07 - 35+87 LT	1,583.2 FT	
STA. 20+16 - 35+90 RT	1,578.0 FT	

K1005863 TREE ROOT PRUNING		
STA. 33+30 RT	1.0 EACH	

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	18



PLAN & PROFILE SHEET 9
STATION 31+50-34+25
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



40600625 LEV BIND MM N50	
STA. 35+35 - 35+98	18.2 TON
42300200 PCC DRIVEWAY PAVT 6	
STA. 34+38 LT	19.2 SQ YD
STA. 34+47 RT	14.7 SQ YD
STA. 35+06 LT	19.3 SQ YD
STA. 35+13 RT	11.1 SQ YD
STA. 35+32 RT	15.2 SQ YD
STA. 35+65 LT	23.2 SQ YD

42400100 PC CONCRETE SIDEWALK 4	
STA. 34+30 RT	17.6 SQ FT
STA. 34+85 LT	28.4 SQ FT
STA. 34+95 RT	22.0 SQ FT
STA. 35+37 LT	12.8 SQ FT
STA. 35+50 RT	16.0 SQ FT
STA. 35+78 RT	40.0 SQ FT

550B0050 STORM SEW CL B 1 12	
STA. 34+65 RT	19.7 FT
STA. 34+65 LT	11.3 FT
STA. 34+66 - 36+03 LT	136.5 FT

60604400 COMB. CC&G TB6.18	
STA. 20+07 - 35+87 LT	1,583.2 FT
STA. 20+16 - 35+90 RT	1,578.0 FT

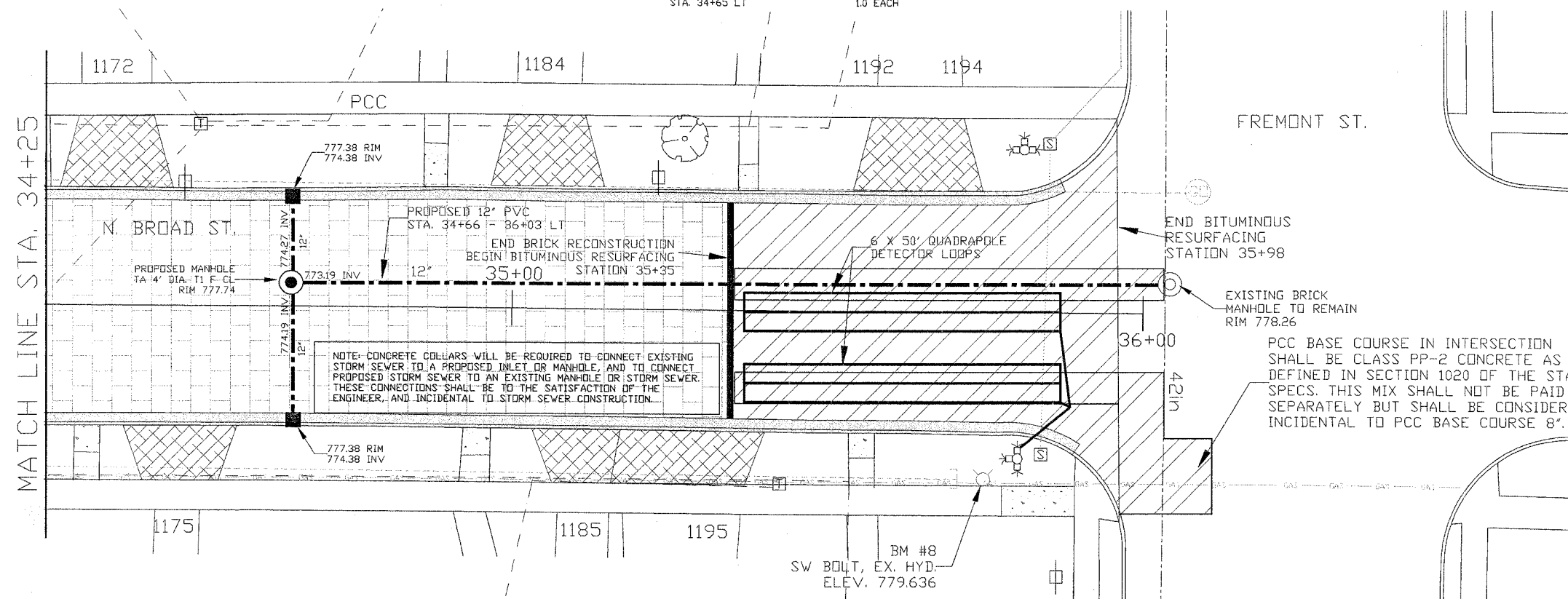
20800150 TRENCH BACKFILL	
STA. 34+65 RT	3.4 CU YD
STA. 34+65 LT	1.8 CU YD
STA. 34+67 - 36+02 LT	60.5 CU YD

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	19

60235700 INLETS TA T3F&G	
STA. 34+65 R&L	2.0 EACH
60218400 MAN TA 4 DIA TIF CL	
STA. 34+65 LT	1.0 EACH

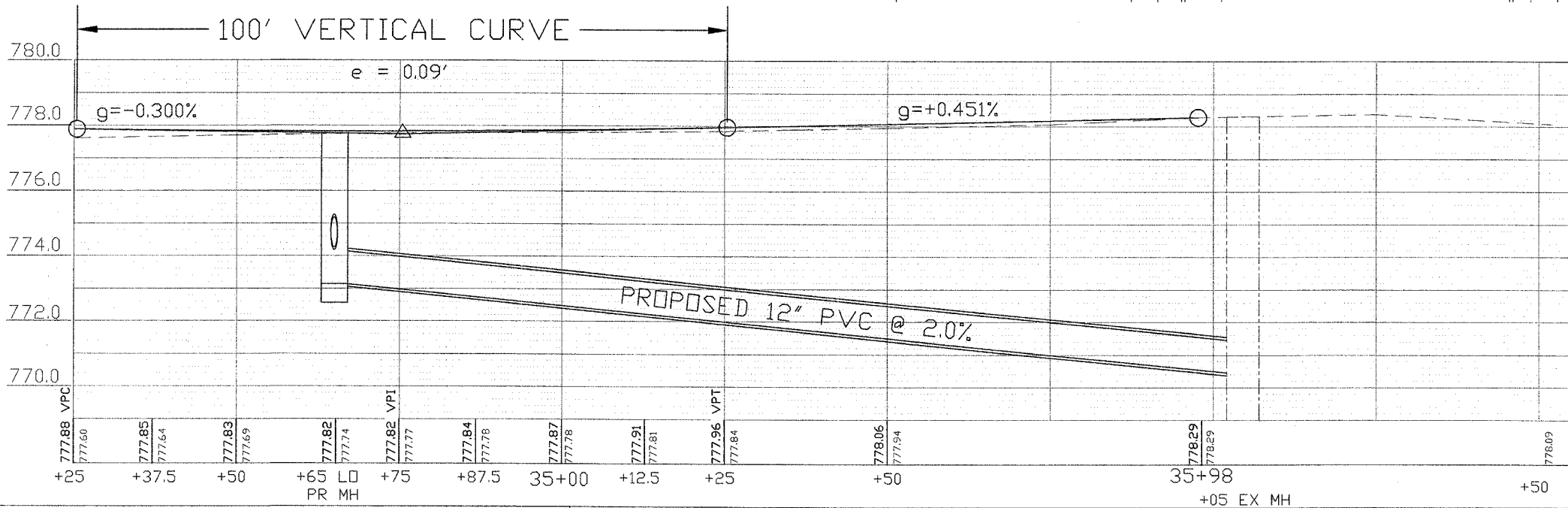
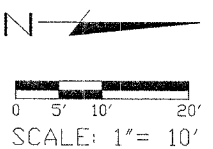
#4001772 CONCRETE HEADER	
STA. 35+34 - 35+35	1.0 EACH

88600100 DET LOOP T1	
STA. 35+37 - 35+87 CL	174.0 FT
STA. 35+37 - 35+87 RT	174.0 FT



NOTE: CONCRETE COLLARS WILL BE REQUIRED TO CONNECT EXISTING STORM SEWER TO A PROPOSED INLET OR MANHOLE, AND TO CONNECT PROPOSED STORM SEWER TO AN EXISTING MANHOLE OR STORM SEWER. THESE CONNECTIONS SHALL BE TO THE SATISFACTION OF THE ENGINEER, AND INCIDENTAL TO STORM SEWER CONSTRUCTION.

PCC BASE COURSE IN INTERSECTION SHALL BE CLASS PP-2 CONCRETE AS DEFINED IN SECTION 1020 OF THE STANDARD SPECS. THIS MIX SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO PCC BASE COURSE 8".

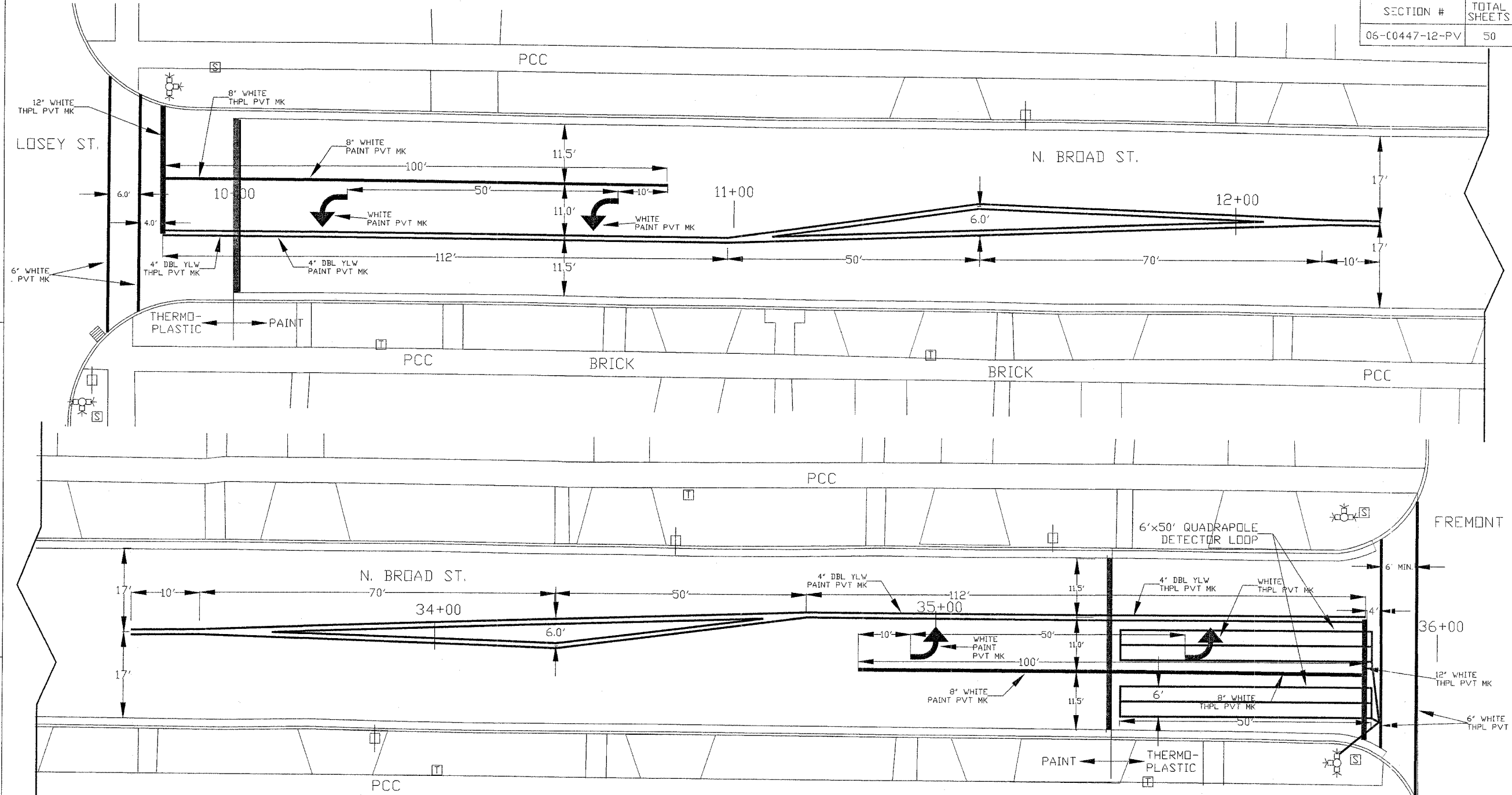


	BRICK WEARING SURFACE		BRICK DRIVEWAY PAVT.
	COMB. CC&G TB6.18		PCC DRIVEWAY PAVT, 6'
	PROP. STORM SEWER		EX. STORM SEWER
	PCC SIDE-WALK, 4'		BRICK SIDEWALK
	PCC SIDE-WALK, 8'		CONCRETE HEADER
	UNDERGROUND TELEPHONE		GAS
	SANITARY		GAS

PLAN & PROFILE SHEET 10
STATION 34+25-35+98
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	20



70300100
SHORT TERM PAVT MKING

STA. 9+86	24.9 FT
STA. 9+86 - 11+00	28.0 FT
STA. 34+71 - 35+85	22.0 FT
STA. 35+85	23.8 FT

78000100
THPL PVT MK LTR & SYM

STA. 35+50 CL	15.6 SQ FT
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78000500
THPL PVT MK LINE 8

STA. 9+86 - 10+00	14.0 FT
STA. 35+35 - 35+85	50.0 FT

78001100
PT PVT MK LTRS & SYMB

STA. 10+15 CL	15.6 SQ FT
STA. 10+73 CL	15.6 SQ FT
STA. 34+95 CL	15.6 SQ FT

78001140
PAINT PVT MK LINE 8

STA. 10+00 - 10+87	87.0 FT
STA. 34+84 - 35+34	50.0 FT

70301000
WORK ZONE PAVT MK REM

STA. 9+86	8.3 SQ FT
STA. 9+86 - 11+00	76.0 SQ FT
STA. 34+71 - 35+85	76.0 SQ FT
STA. 35+85	7.9 SQ FT

78000200
THPL PVT MK LINE 4

STA. 9+86 - 10+00	28.0 FT
STA. 35+35 - 35+85	100.0 FT

78000600
THPL PVT MK LINE 12

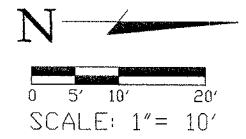
STA. 9+86	24.5 FT
STA. 35+85	23.9 FT

78001110
PAINT PVT MK LINE 4

STA. 10+00 - 12+29	691.2 FT
STA. 33+40 - 35+85	606.6 FT

88600100
DET LOOP T1

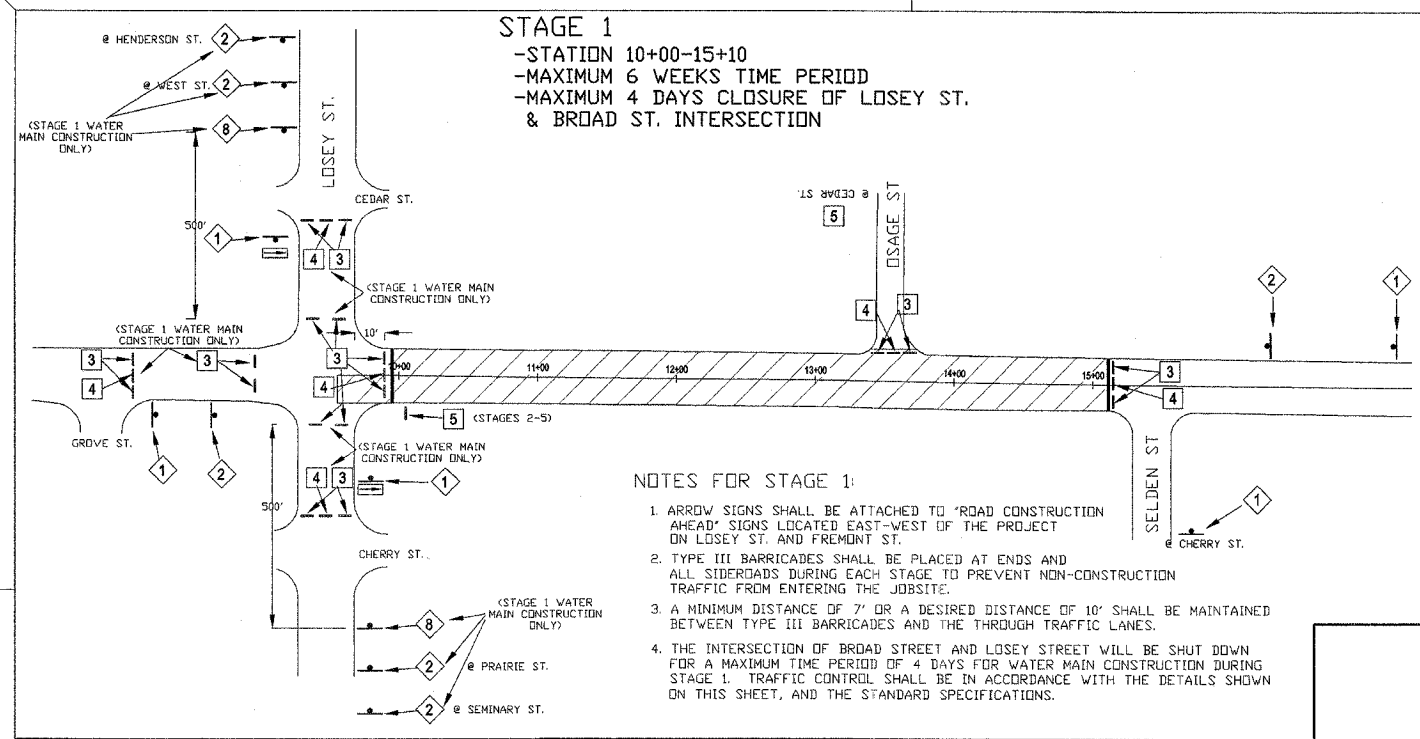
STA. 35+37 - 35+87 CL	174.0 FT
STA. 35+37 - 35+87 RT	174.0 FT



STRIPING DETAILS

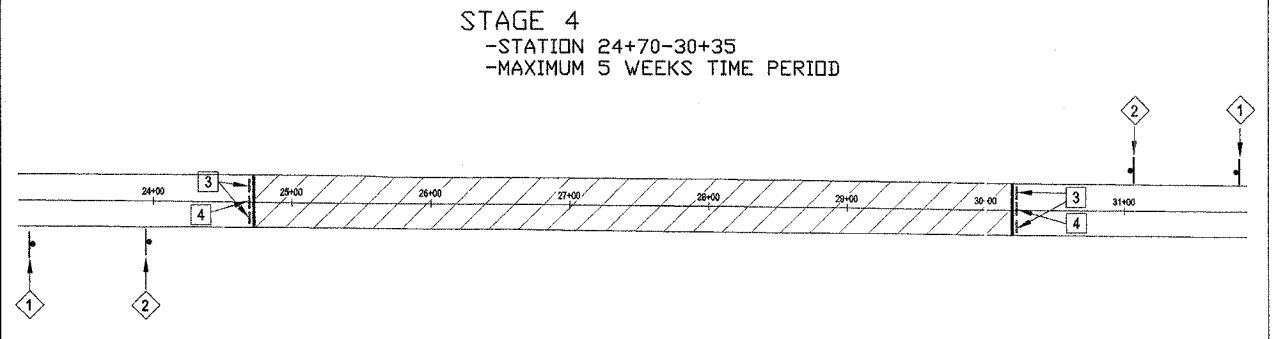
N. BROAD ST BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	21

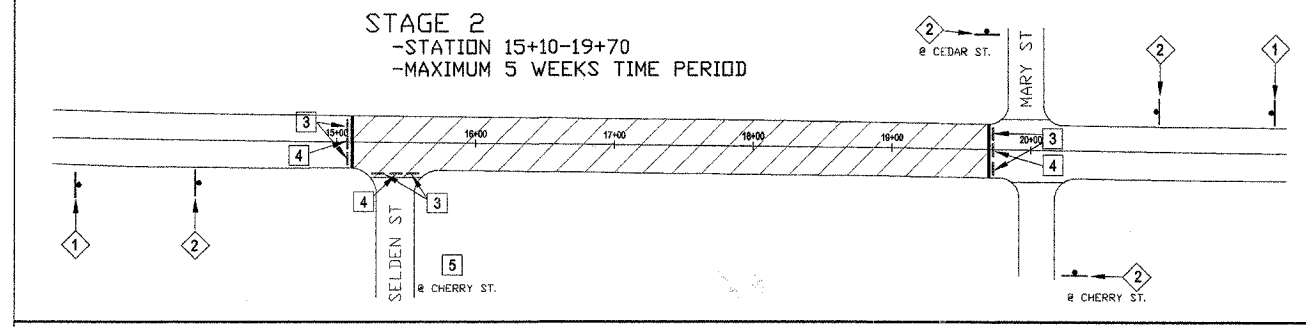


STAGE 1
 -STATION 10+00-15+10
 -MAXIMUM 6 WEEKS TIME PERIOD
 -MAXIMUM 4 DAYS CLOSURE OF LOSEY ST. & BROAD ST. INTERSECTION

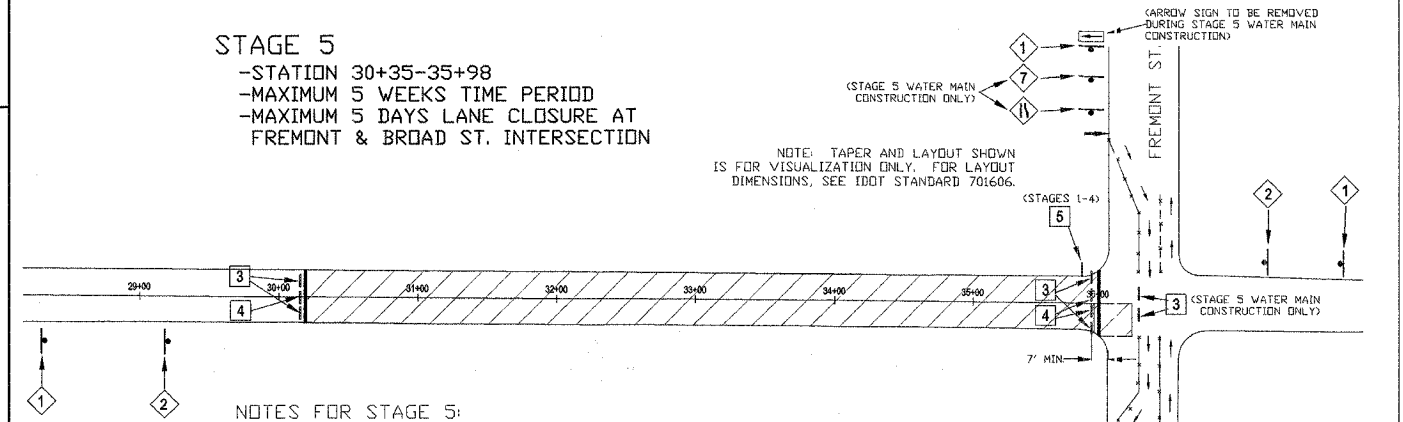
- NOTES FOR STAGE 1:**
1. ARROW SIGNS SHALL BE ATTACHED TO "ROAD CONSTRUCTION AHEAD" SIGNS LOCATED EAST-WEST OF THE PROJECT ON LOSEY ST. AND FREMONT ST.
 2. TYPE III BARRICADES SHALL BE PLACED AT ENDS AND ALL SIDEROADS DURING EACH STAGE TO PREVENT NON-CONSTRUCTION TRAFFIC FROM ENTERING THE JOBSITE.
 3. A MINIMUM DISTANCE OF 7' OR A DESIRED DISTANCE OF 10' SHALL BE MAINTAINED BETWEEN TYPE III BARRICADES AND THE THROUGH TRAFFIC LANES.
 4. THE INTERSECTION OF BROAD STREET AND LOSEY STREET WILL BE SHUT DOWN FOR A MAXIMUM TIME PERIOD OF 4 DAYS FOR WATER MAIN CONSTRUCTION DURING STAGE 1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS SHEET, AND THE STANDARD SPECIFICATIONS.



STAGE 4
 -STATION 24+70-30+35
 -MAXIMUM 5 WEEKS TIME PERIOD

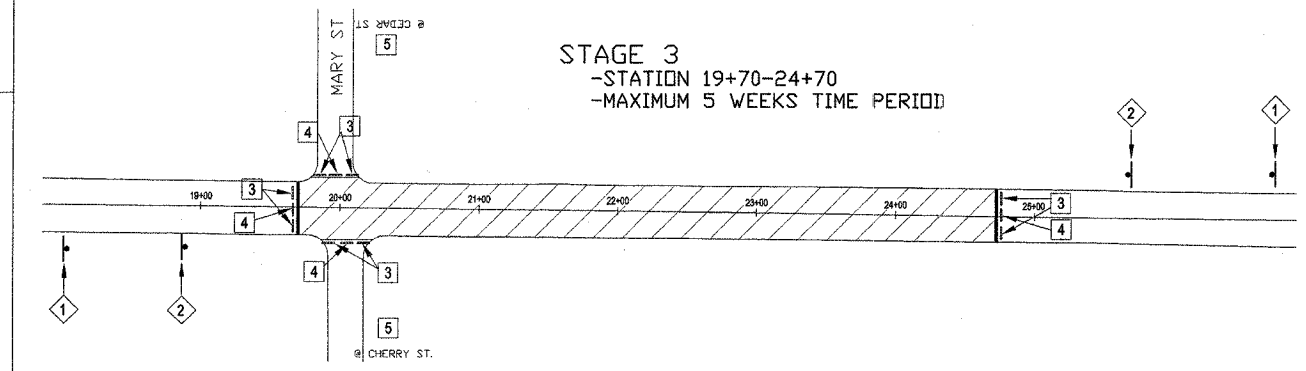


STAGE 2
 -STATION 15+10-19+70
 -MAXIMUM 5 WEEKS TIME PERIOD



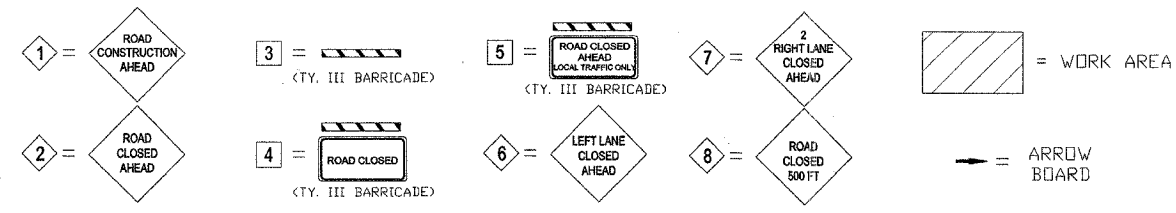
STAGE 5
 -STATION 30+35-35+98
 -MAXIMUM 5 WEEKS TIME PERIOD
 -MAXIMUM 5 DAYS LANE CLOSURE AT FREMONT & BROAD ST. INTERSECTION

- NOTES FOR STAGE 5:**
1. ARROW SIGNS SHALL BE ATTACHED TO "ROAD CONSTRUCTION AHEAD" SIGNS LOCATED EAST-WEST OF THE PROJECT ON LOSEY ST. AND FREMONT ST.
 2. TYPE III BARRICADES SHALL BE PLACED AT ENDS AND ALL SIDE ROADS IN EACH STAGE TO PREVENT NON-CONSTRUCTION TRAFFIC FROM ENTERING THE JOBSITE.
 3. A MINIMUM DISTANCE OF 7' OR A DESIRED DISTANCE OF 10' SHALL BE MAINTAINED BETWEEN TYPE III BARRICADES AND THE THROUGH TRAFFIC LANES.
 4. THE TWO EASTBOUND LANES OF FREMONT STREET SHALL BE CLOSED DURING WATER MAIN CONSTRUCTION AT THAT INTERSECTION DURING STAGE 5. THE CONTRACTOR SHALL CLOSE THE DISTANCE NECESSARY TO PERFORM THE REQUIRED WORK, AND EAST-WEST BOUND TRAFFIC WILL BE NARROWED TO TWO LANES TO THE NORTH. PROPER SIGNAGE, INCLUDING LIT BARRICADES, ARROW BOARDS, AND REFLECTIVE DELINEATORS TO SEPARATE LANES, WILL BE REQUIRED AS SHOWN IN STANDARDS 701606 AND 702001. A "NO LEFT TURN" SIGN SHALL BE PLACED FOR EAST-WEST BOUND TRAFFIC ON FREMONT ST. THE CONTRACTOR WILL BE ALLOWED A MAXIMUM TIME PERIOD OF FIVE (5) DAYS TO COMPLETE THE WORK IN THIS INTERSECTION.
 5. ALL TRAFFIC CONTROL AND SIGNAGE SHOULD BE IN ACCORDANCE WITH IDOT STANDARD 701606.
 6. TAPER DISTANCES AND LAYOUT IS FOR INFORMATION ONLY. THIS IS NOT DRAWN TO SCALE AND IS FOR VISUALIZATION PURPOSES ONLY. FOLLOW IDOT STANDARD 701606 FOR LAYOUT DIMENSIONS.



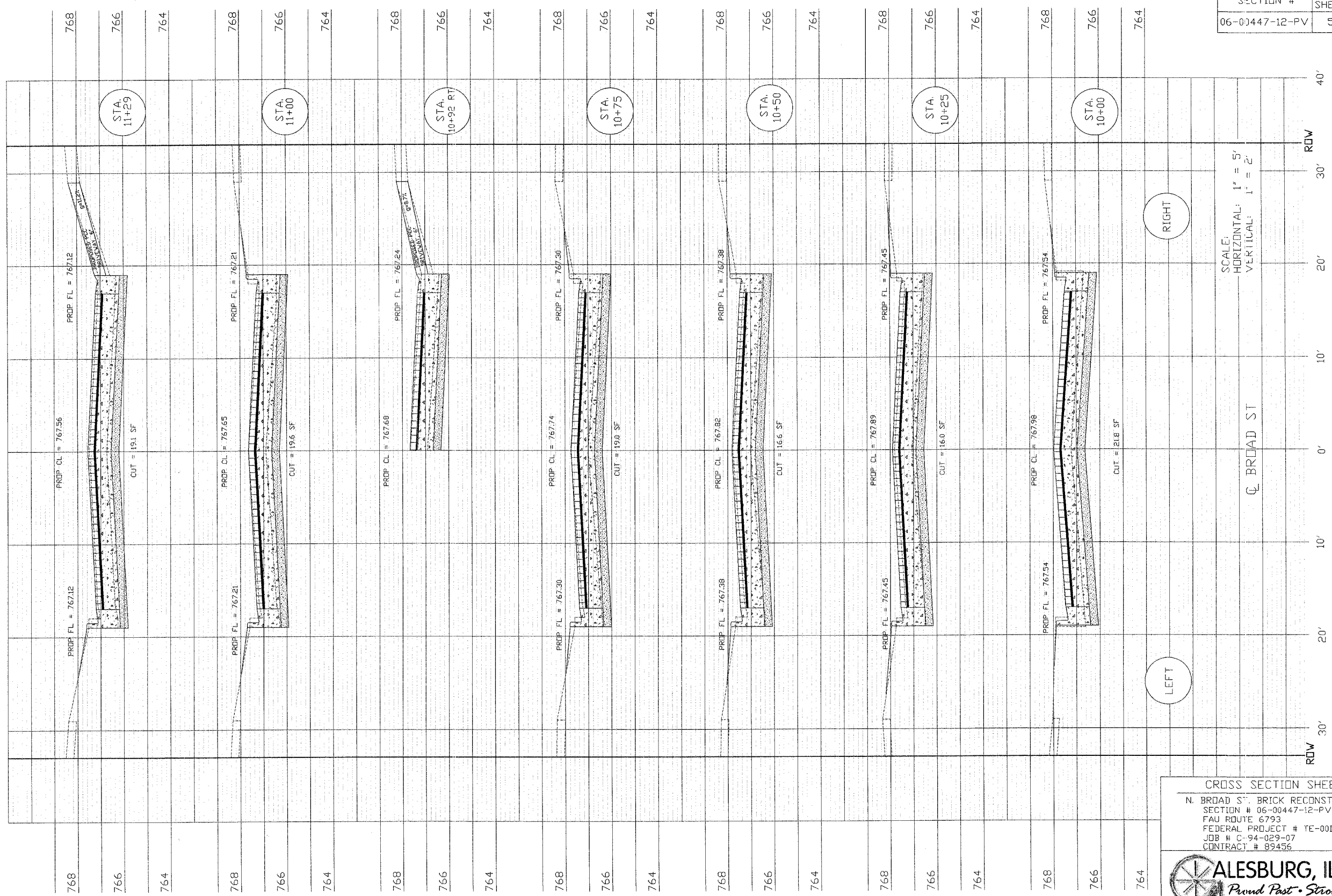
STAGE 3
 -STATION 19+70-24+70
 -MAXIMUM 5 WEEKS TIME PERIOD

- GENERAL NOTES FOR ALL STAGES:**
1. ACCESS BY SIDEWALK MUST BE MAINTAINED AT ALL TIMES. AT NO TIME SHALL THE SIDEWALK AND ADJACENT ROADWAY BE CLOSED SIMULTANEOUSLY.
 2. TYPE III BARRICADES AND R11-2-4830 SIGNS SHALL BE POSITIONED AS SHOWN IN "ROAD CLOSED TO ALL TRAFFIC" DETAIL ON HIGHWAY STANDARD 702001.
 3. TWO TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF THE WORK AREA DURING HOURS OF DARKNESS. ONE LIGHT SHALL BE INSTALLED ABOVE BARRICADES AND THE OTHER ABOVE THE FIRST ADVANCED WARNING SIGN.
 4. ALL WARNING SIGNS SHALL HAVE MINIMUM DIMENSIONS OF 36" BY 36" AND HAVE A BLACK LEGEND ON AN ORANGE REFLECTORIZED BACKGROUND.
 5. ALL WORK ZONE SIGNS ARE REQUIRED TO MEET, AS A MINIMUM, TYPE B REFLECTIVITY REQUIREMENTS OF TABLE 1091-1 IN ARTICLE 1091.01 OF STANDARD SPECIFICATIONS.
 6. SIGN SPACING SHOULD TYPICALLY BE 200', BUT LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
 7. TYPE III BARRICADES SHALL BE PLACED AT ENDS AND ALL SIDE ROADS IN EACH STAGE TO PREVENT NON-CONSTRUCTION TRAFFIC FROM ENTERING THE JOBSITE.



TRAFFIC CONTROL & STAGING
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE: 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456

SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	22



SCALE:
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 2'

RIGHT

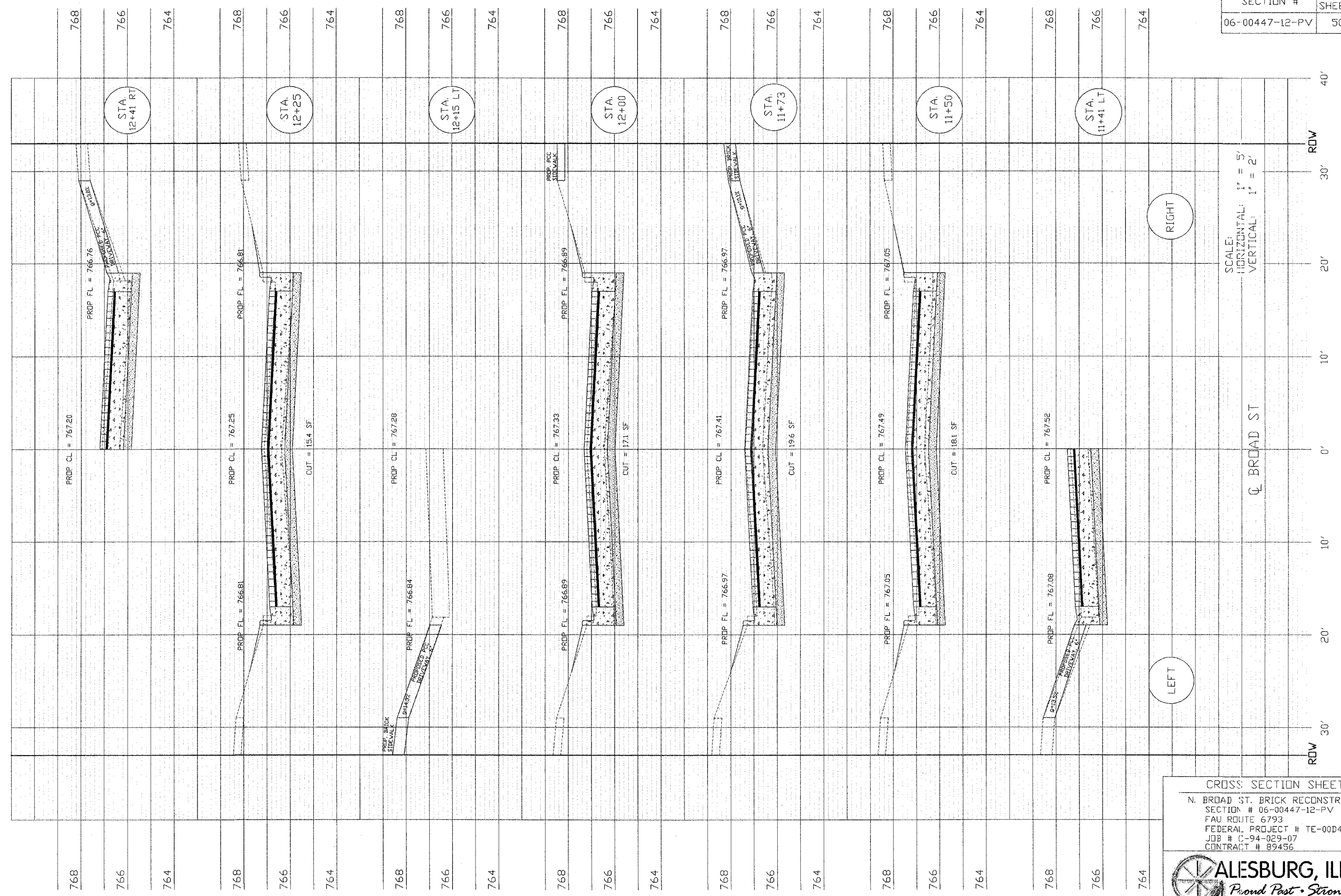
LEFT

CL BROAD ST

CROSS SECTION SHEET 1
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	23




SCALE:
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 2'

CL BROAD ST

RIGHT

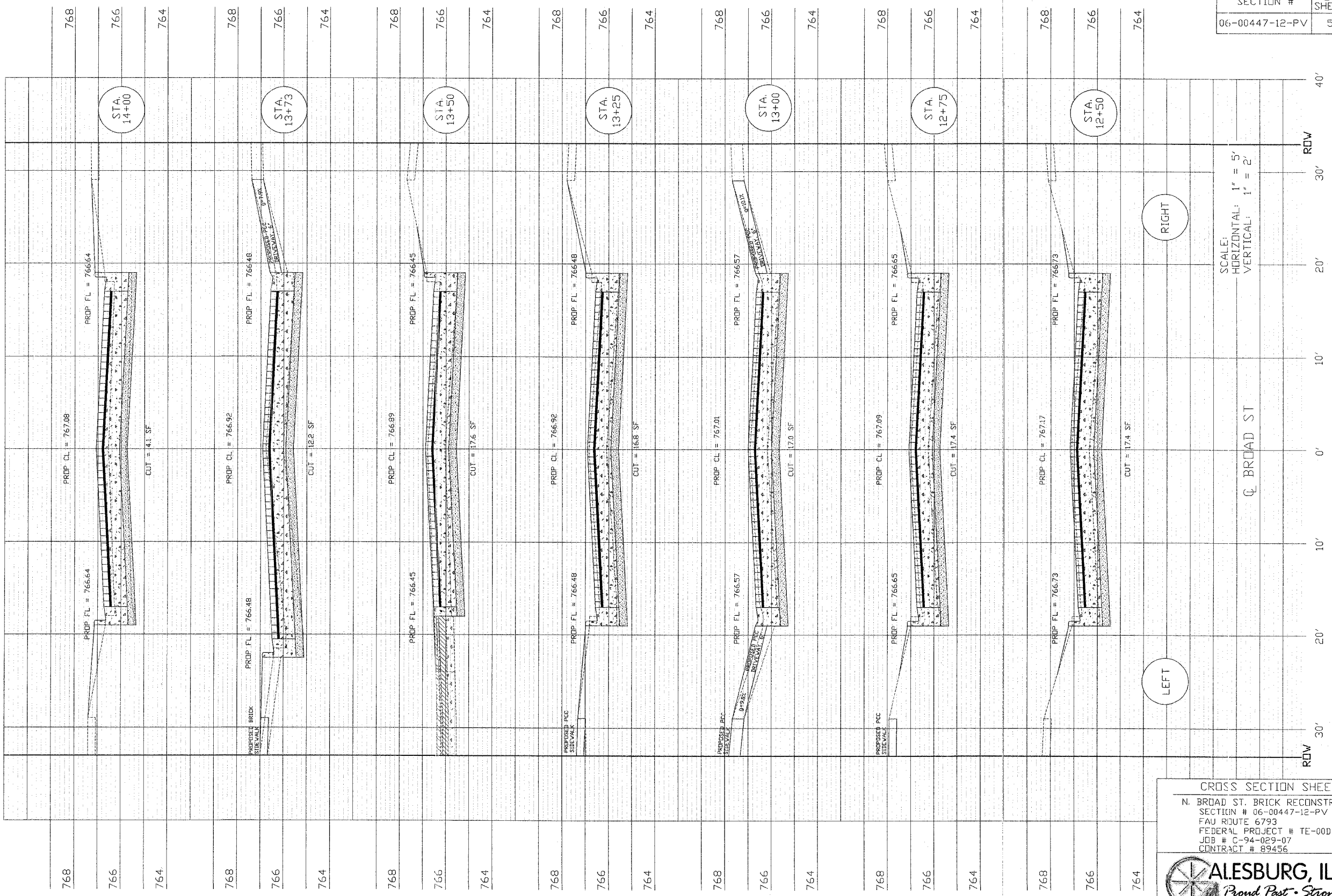
LEFT

CROSS SECTION SHEET 2
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



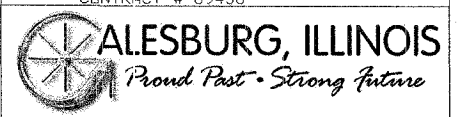
ALESBURG, ILLINOIS
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SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	24

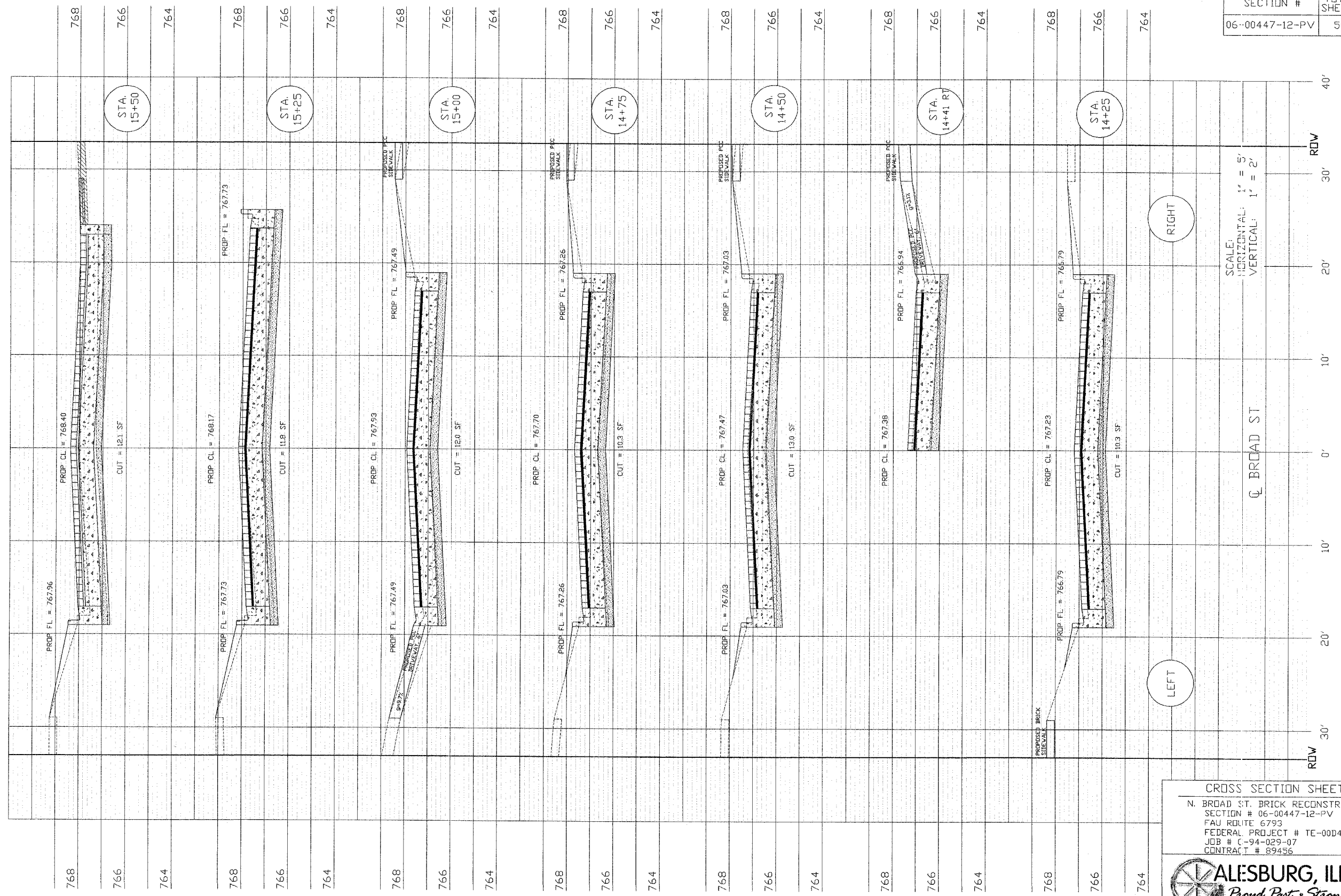


SCALE:
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 2'


CROSS SECTION SHEET 3
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	25

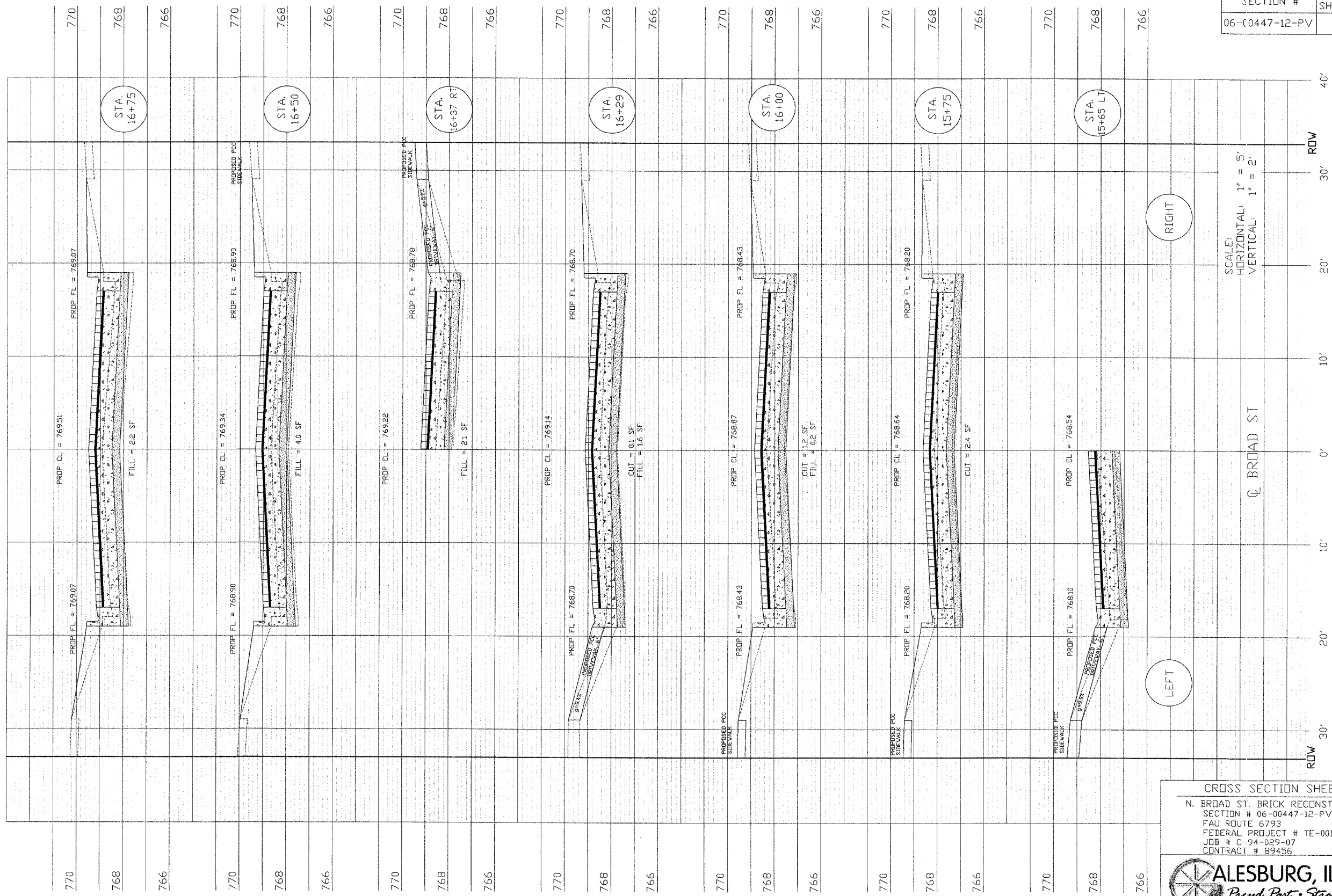


CROSS SECTION SHEET 4
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



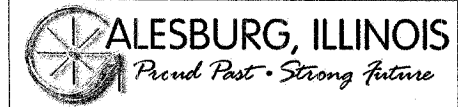
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SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	26

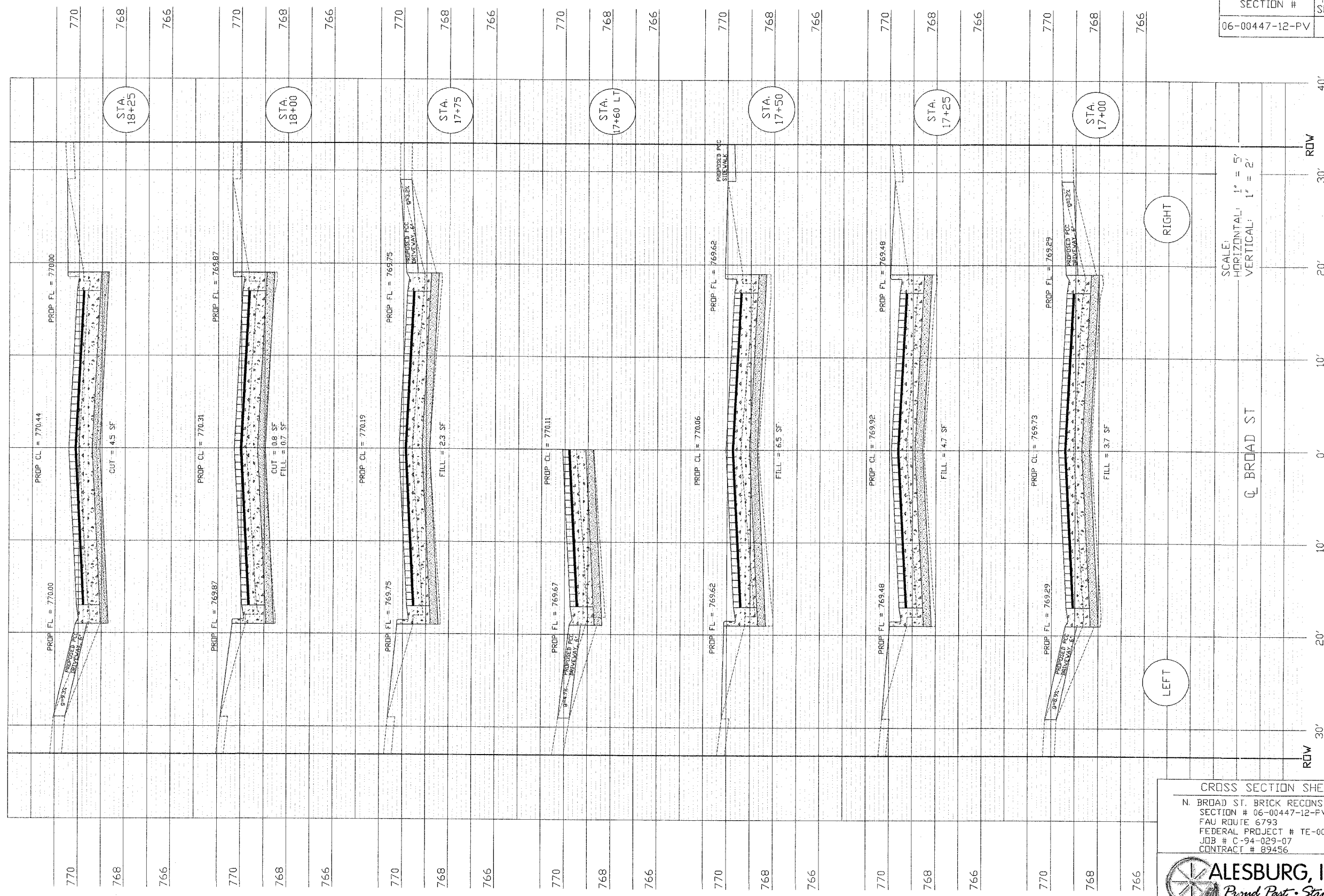


SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

CROSS SECTION SHEET 5
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-0004(097)
JOB # C-94-029-07
CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	27




SCALE:
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 2'

LEFT

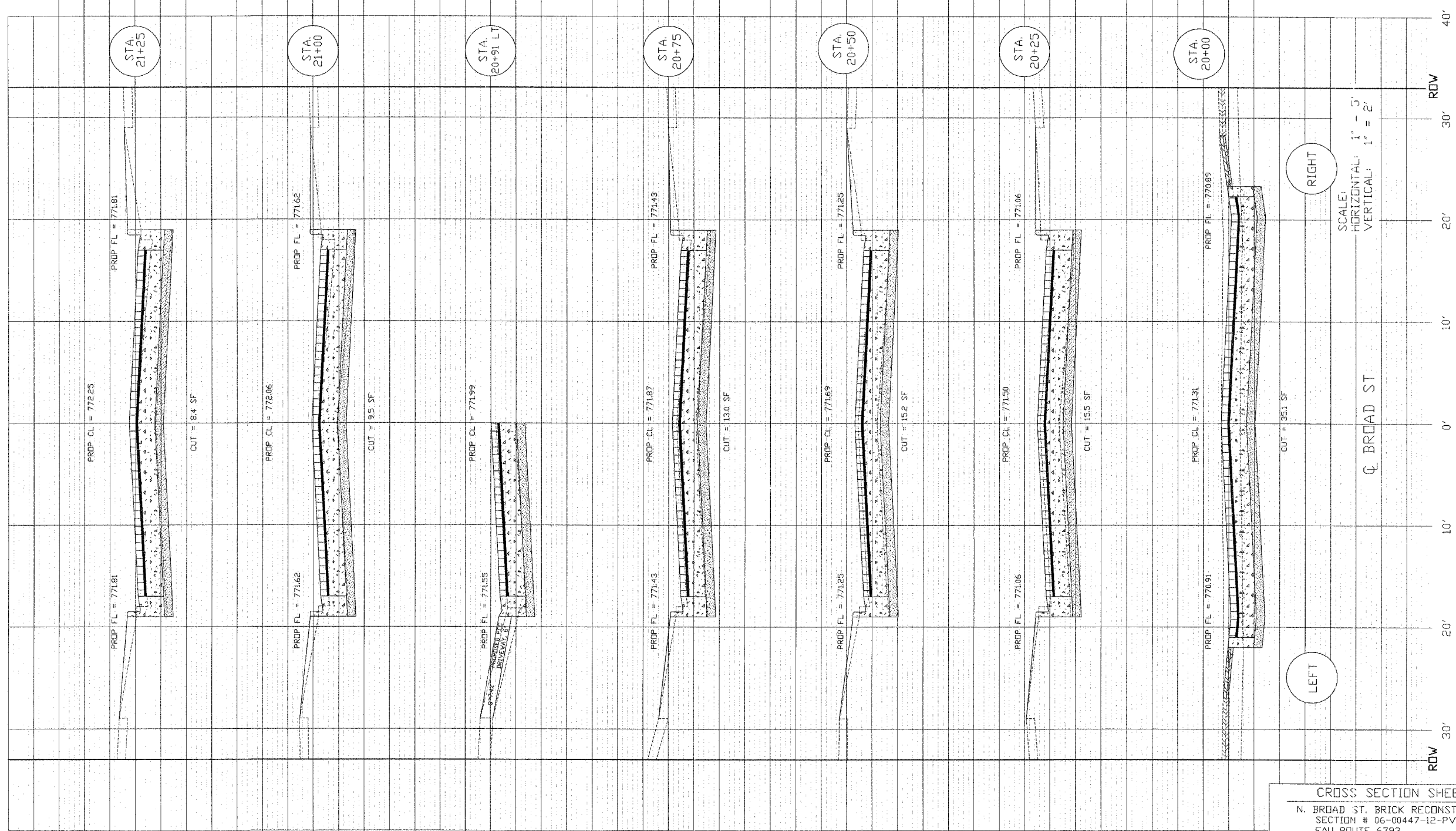
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CROSS SECTION SHEET 6
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
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SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	29



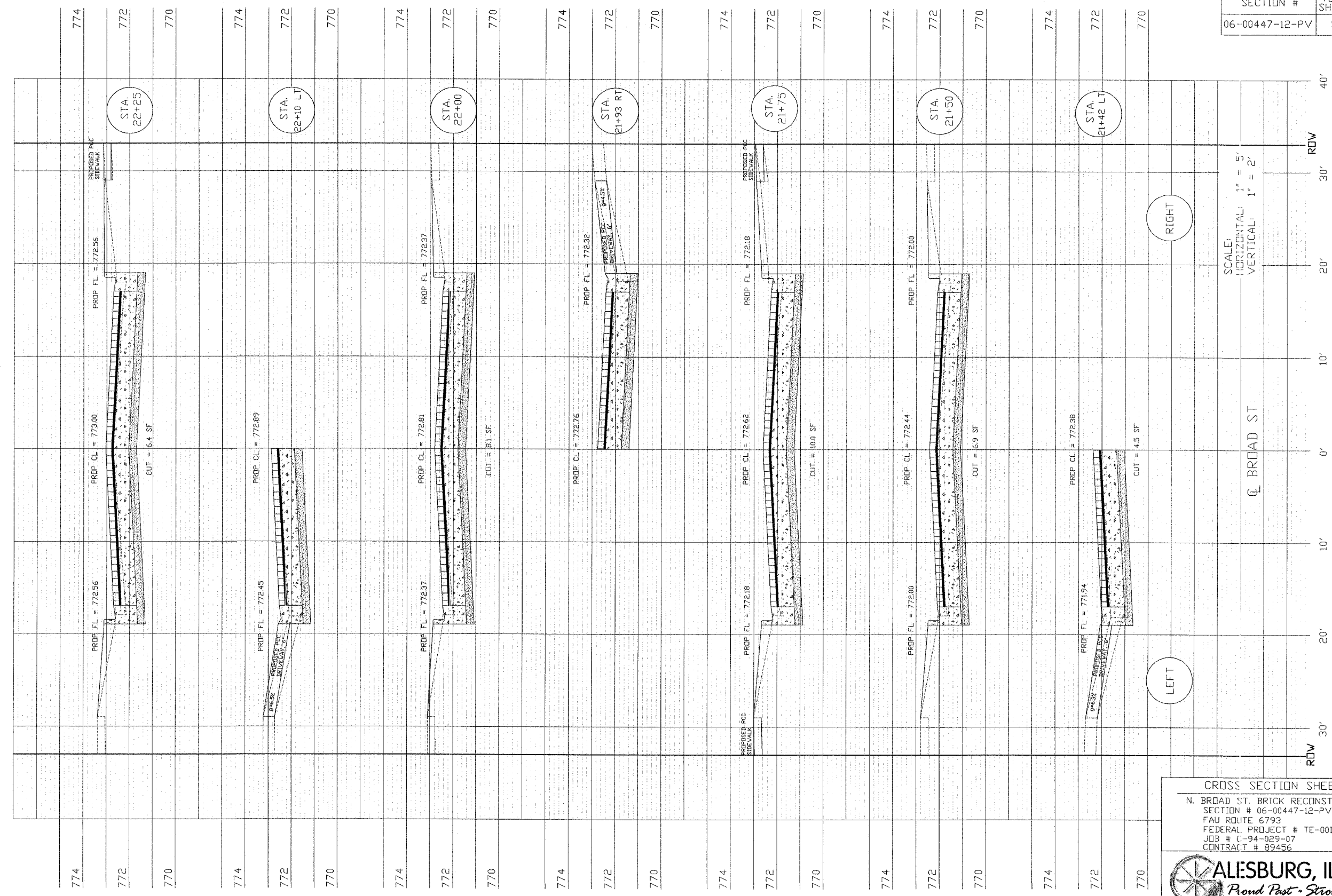
SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

CROSS SECTION SHEET 8
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
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 CONTRACT # 89456



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SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	30



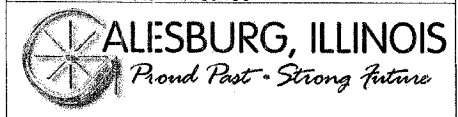
SCALE:
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 VERTICAL 1" = 2'

LEFT

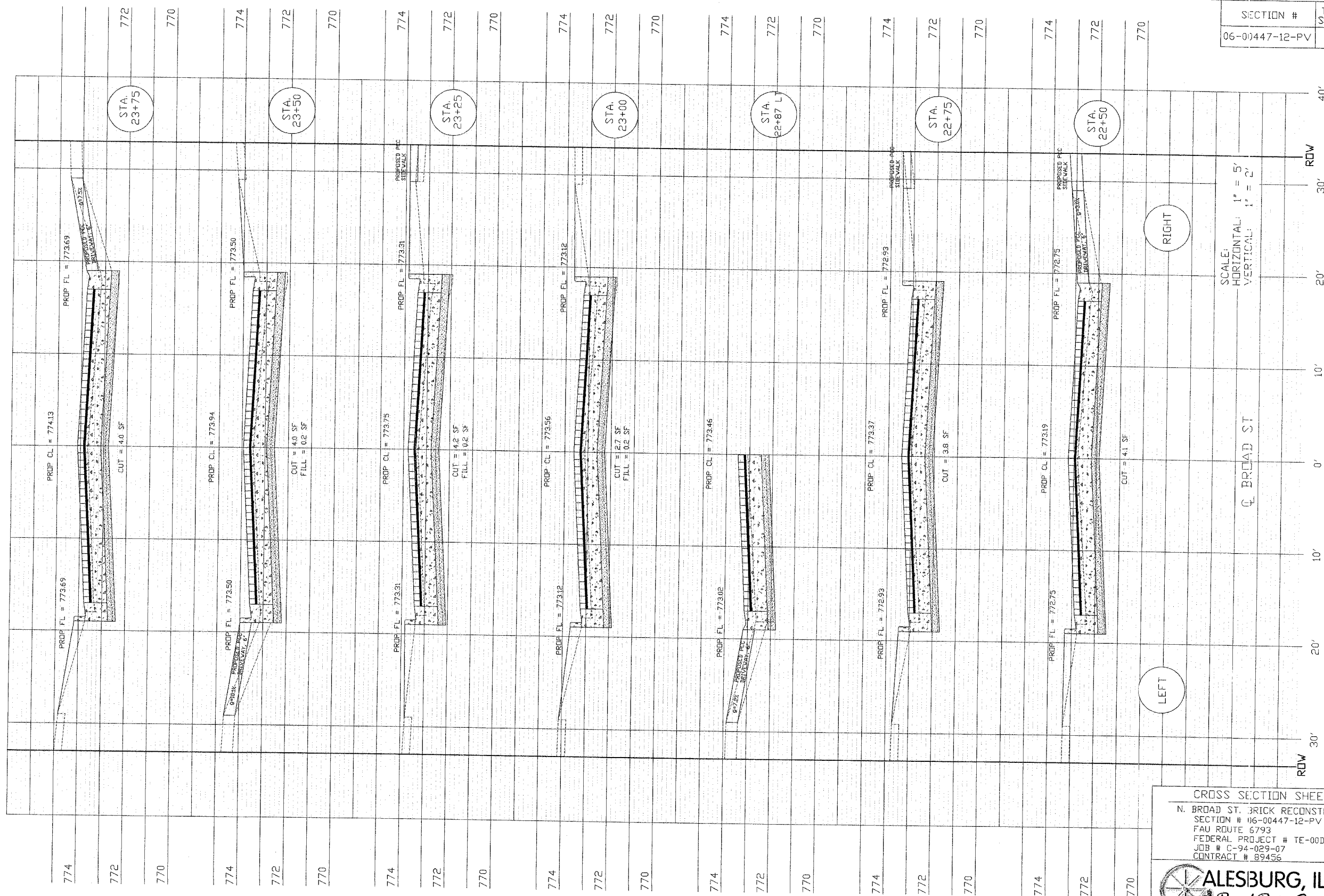
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CL BROAD ST

CROSS SECTION SHEET 9
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	31



SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

RIGHT

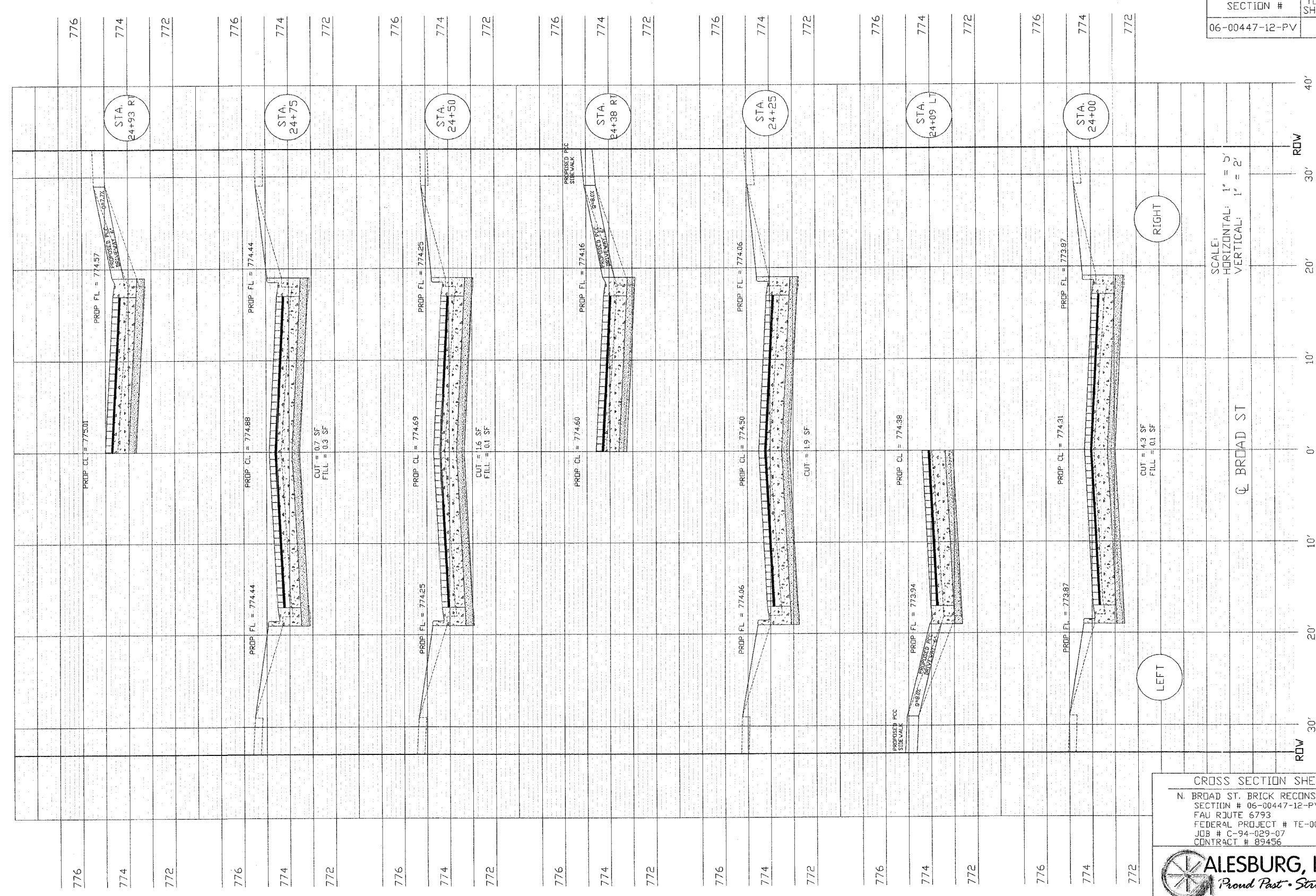
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CL BROAD ST

CROSS SECTION SHEET 10
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456

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SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	32

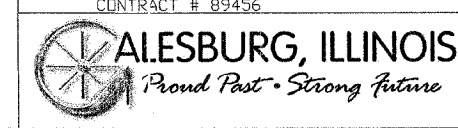


SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

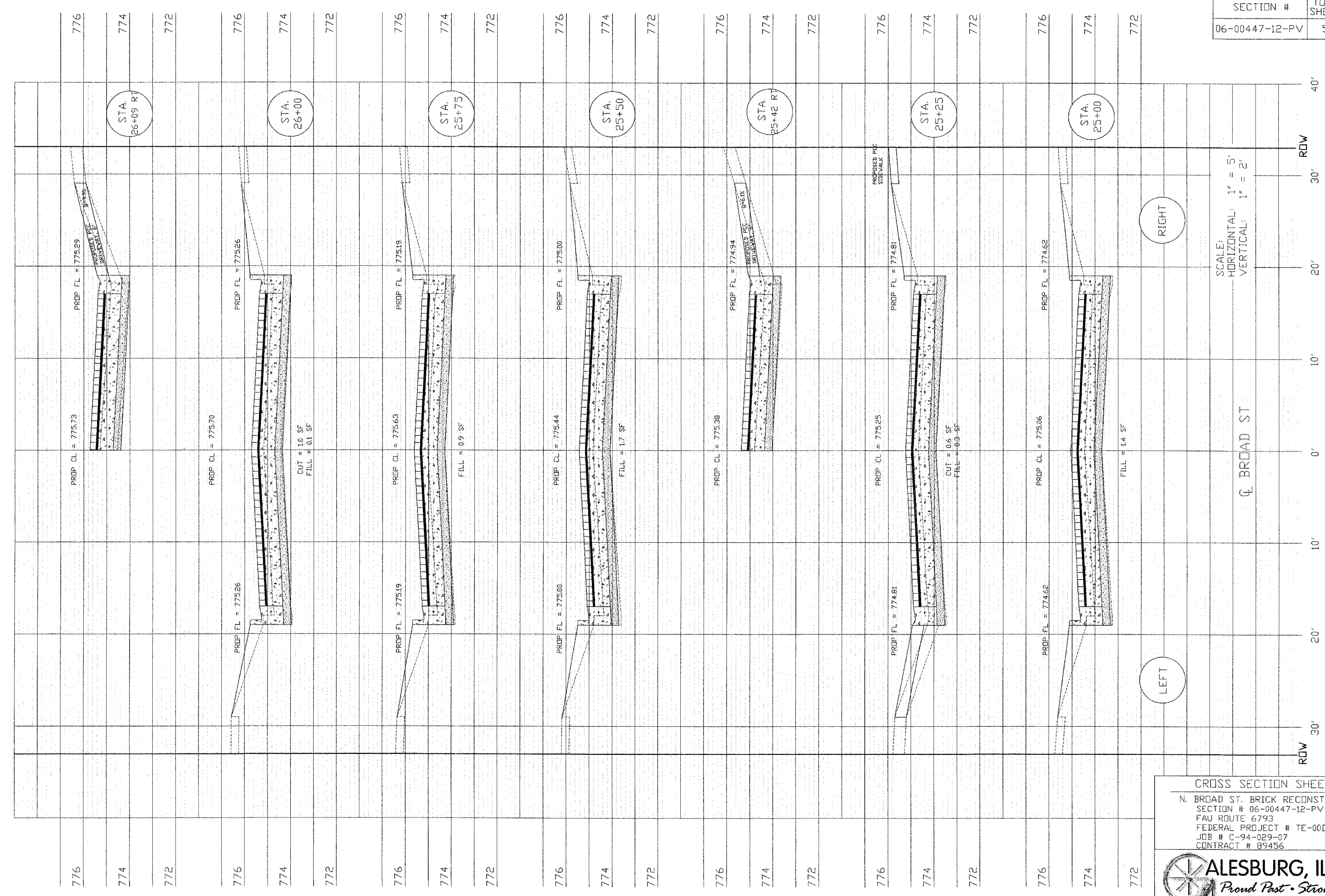
LEFT

RIGHT

CROSS SECTION SHEET 11
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU RJUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	33



SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

RIGHT

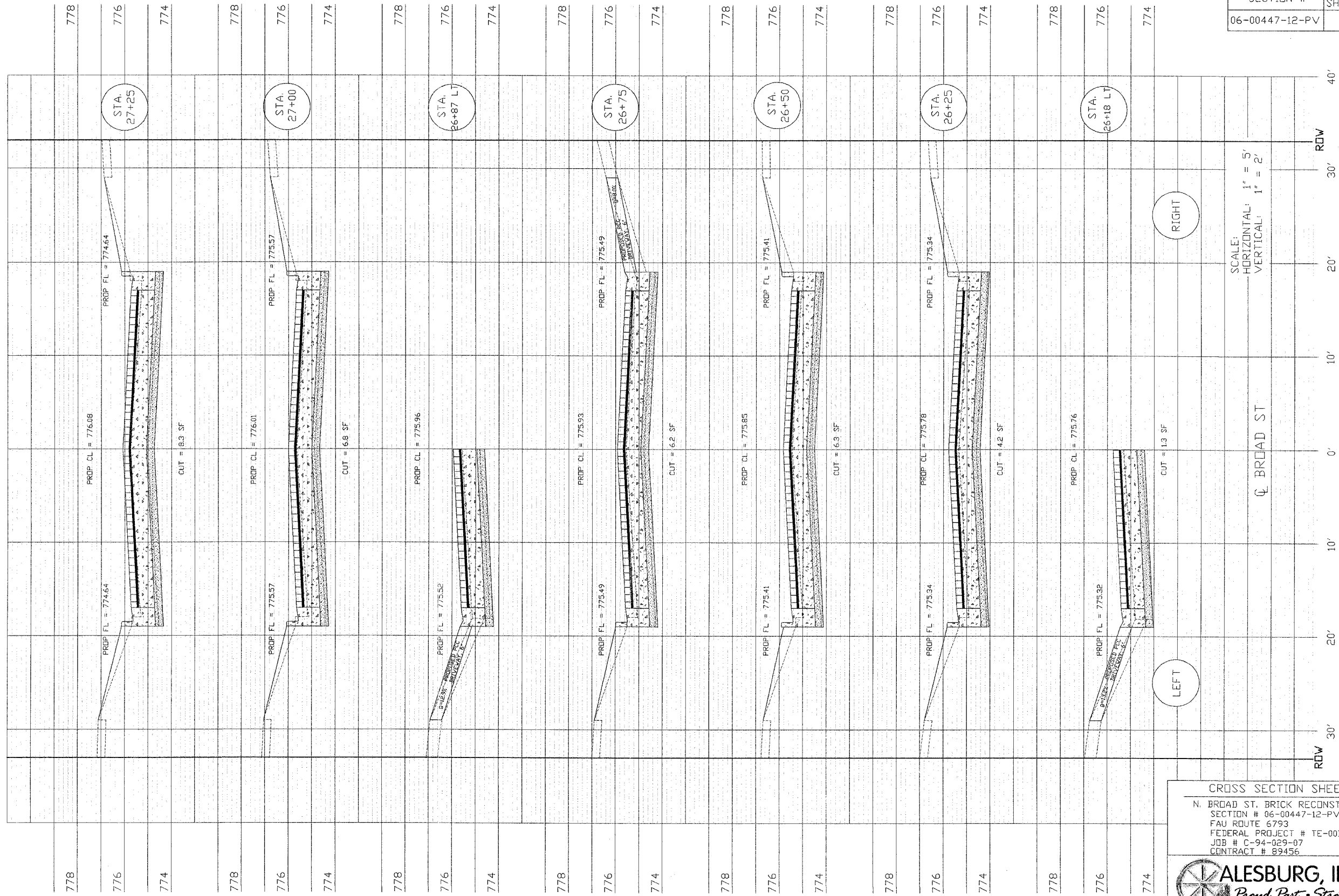
LEFT

Q BROAD ST

CROSS SECTION SHEET 12
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	34

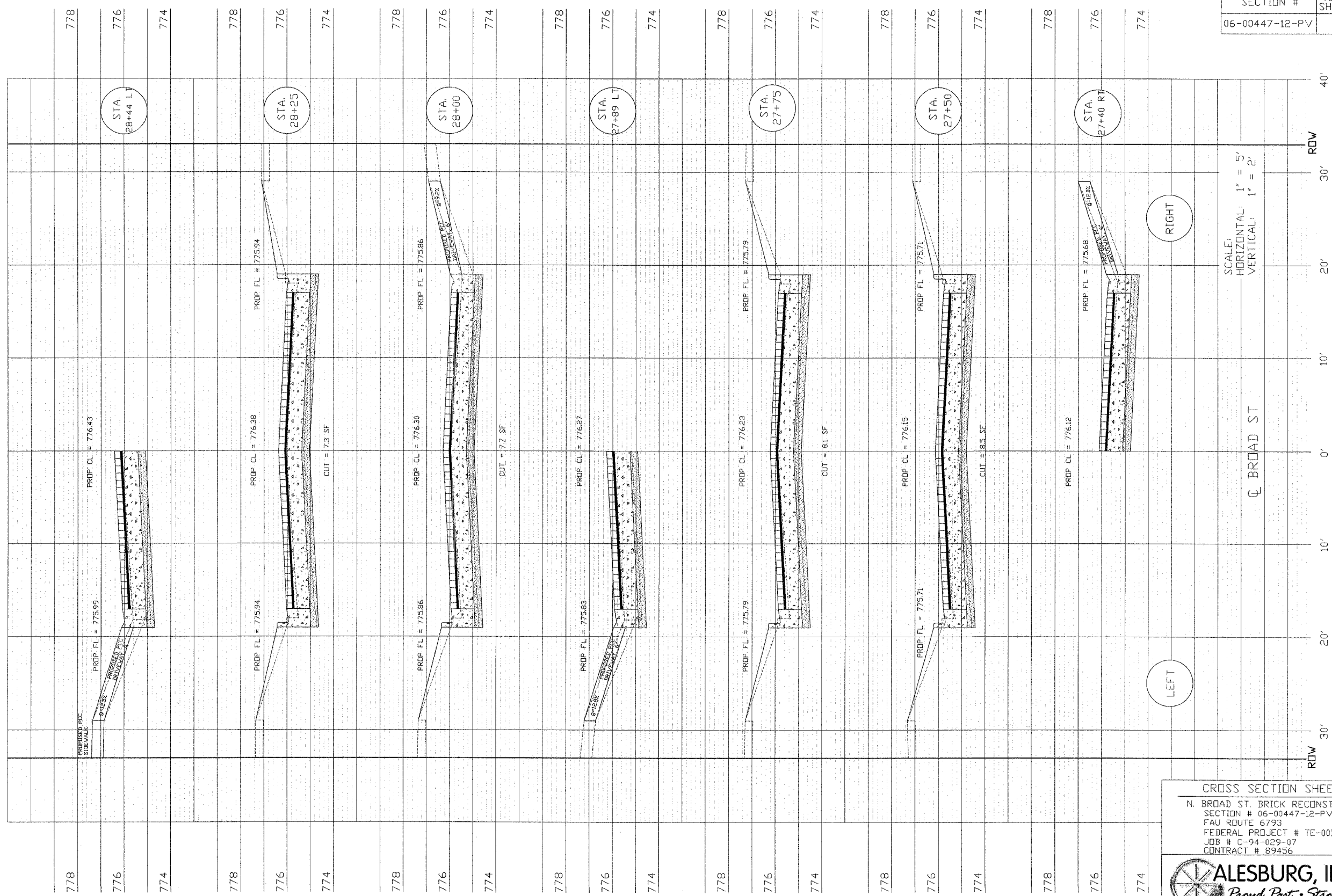


SCALE:
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 2'

CROSS SECTION SHEET 13
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456

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SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	35

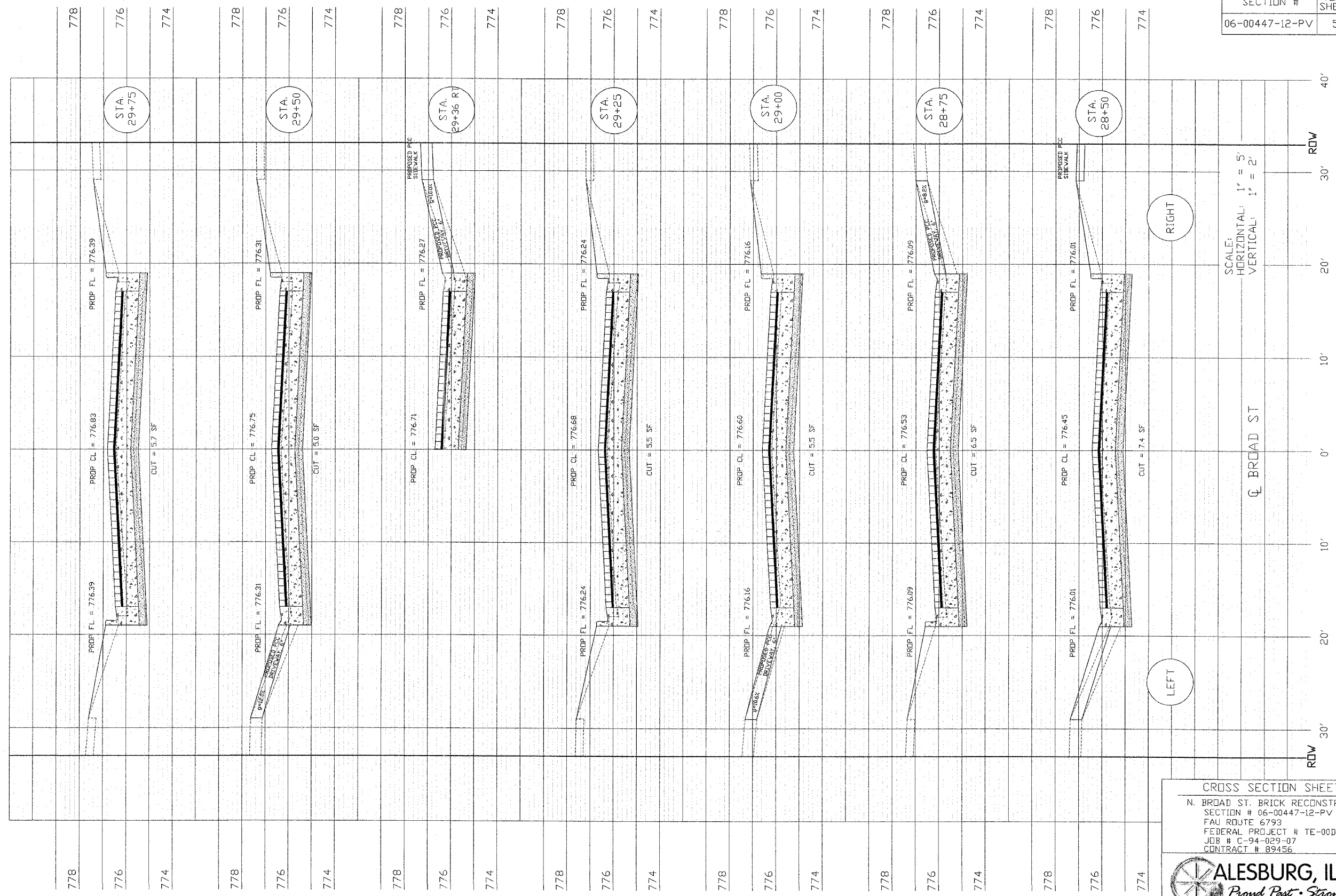


SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

CROSS SECTION SHEET 14
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456

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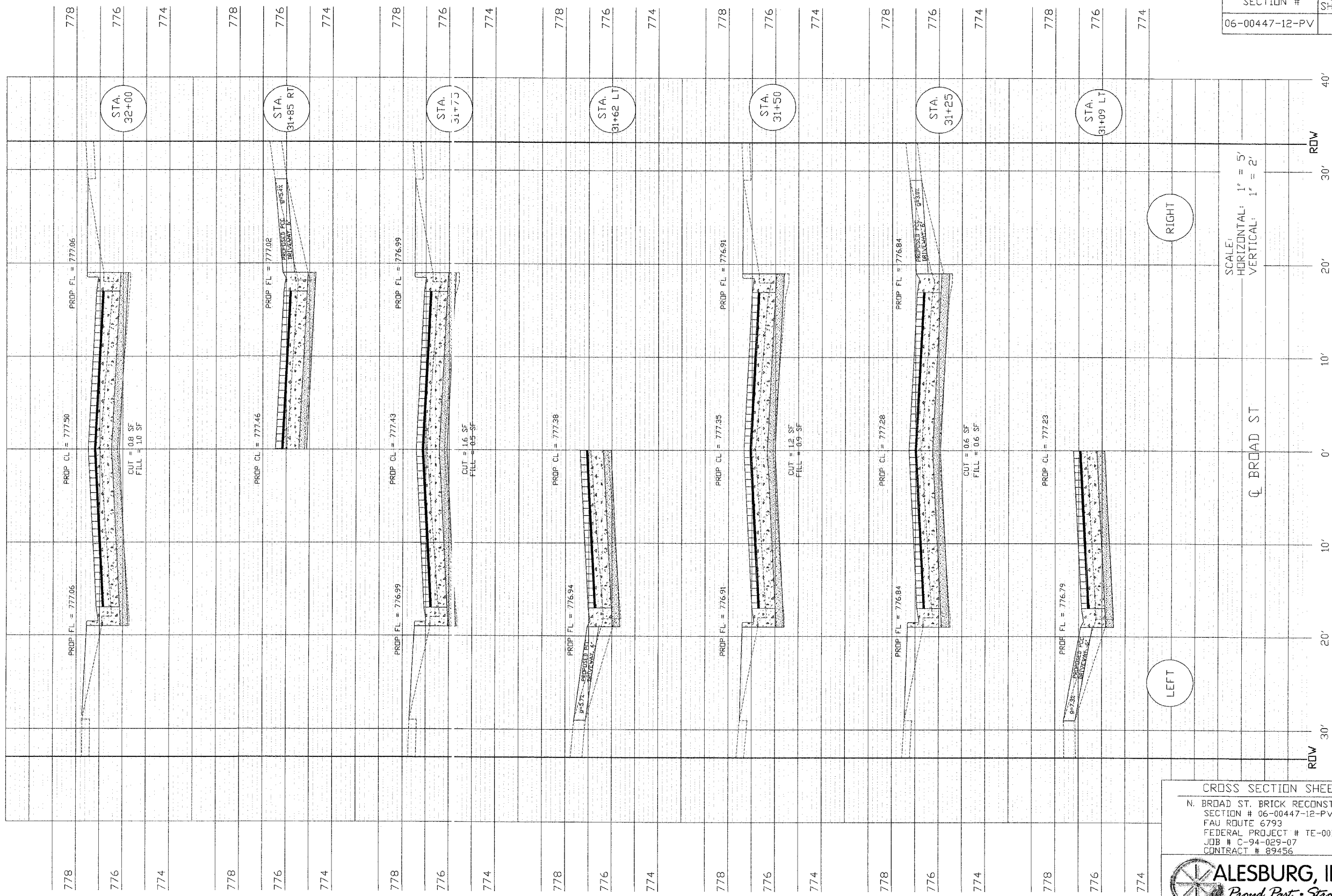
SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	36



SCALE:
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 2'

CROSS SECTION SHEET 15
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456

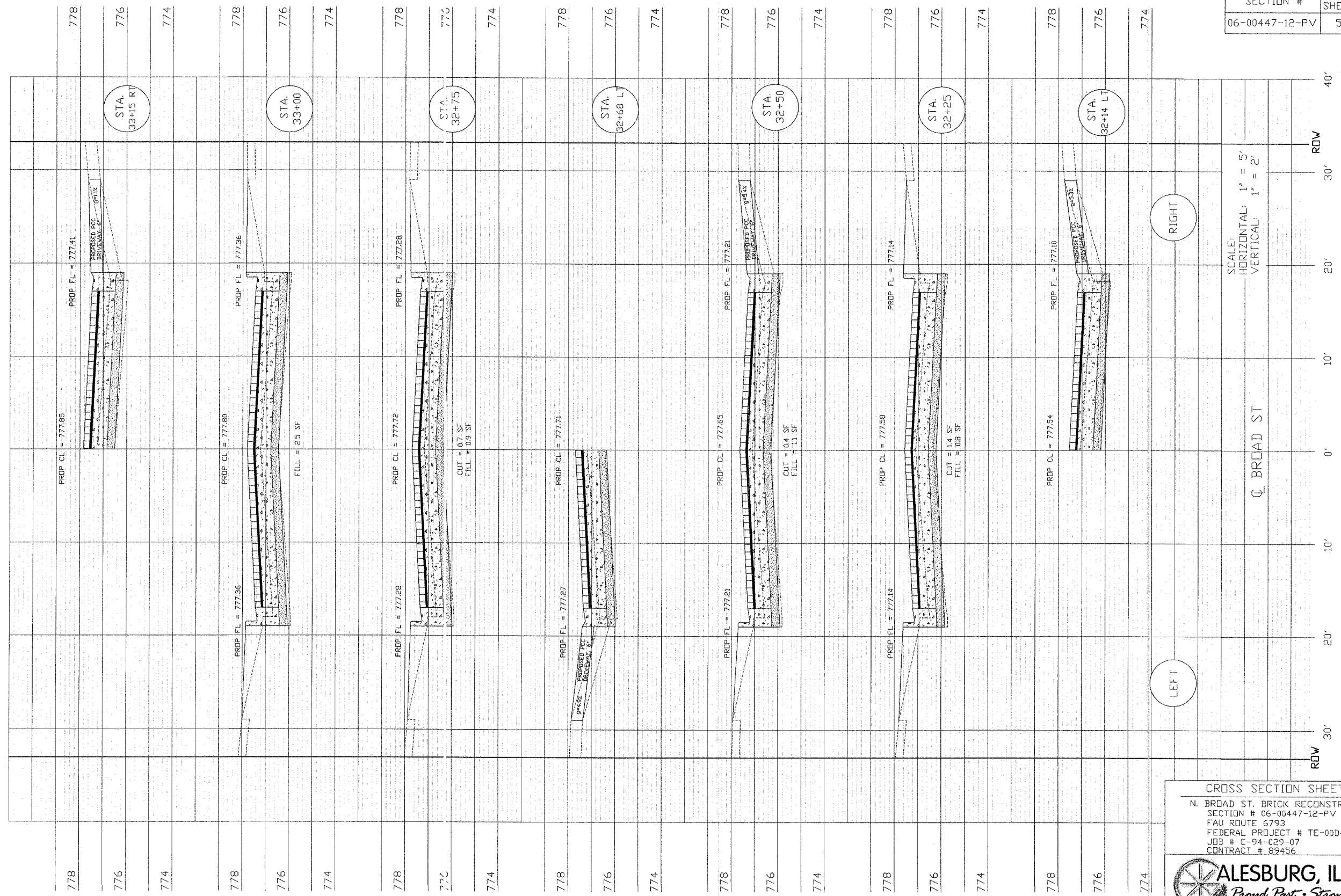
SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	38



CROSS SECTION SHEET 17
 N. BROAD ST. BRICK RECONSTRUCTION
 SECTION # 06-00447-12-PV
 FAU ROUTE 6793
 FEDERAL PROJECT # TE-00D4(097)
 JOB # C-94-029-07
 CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	39



SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

CL BROAD ST

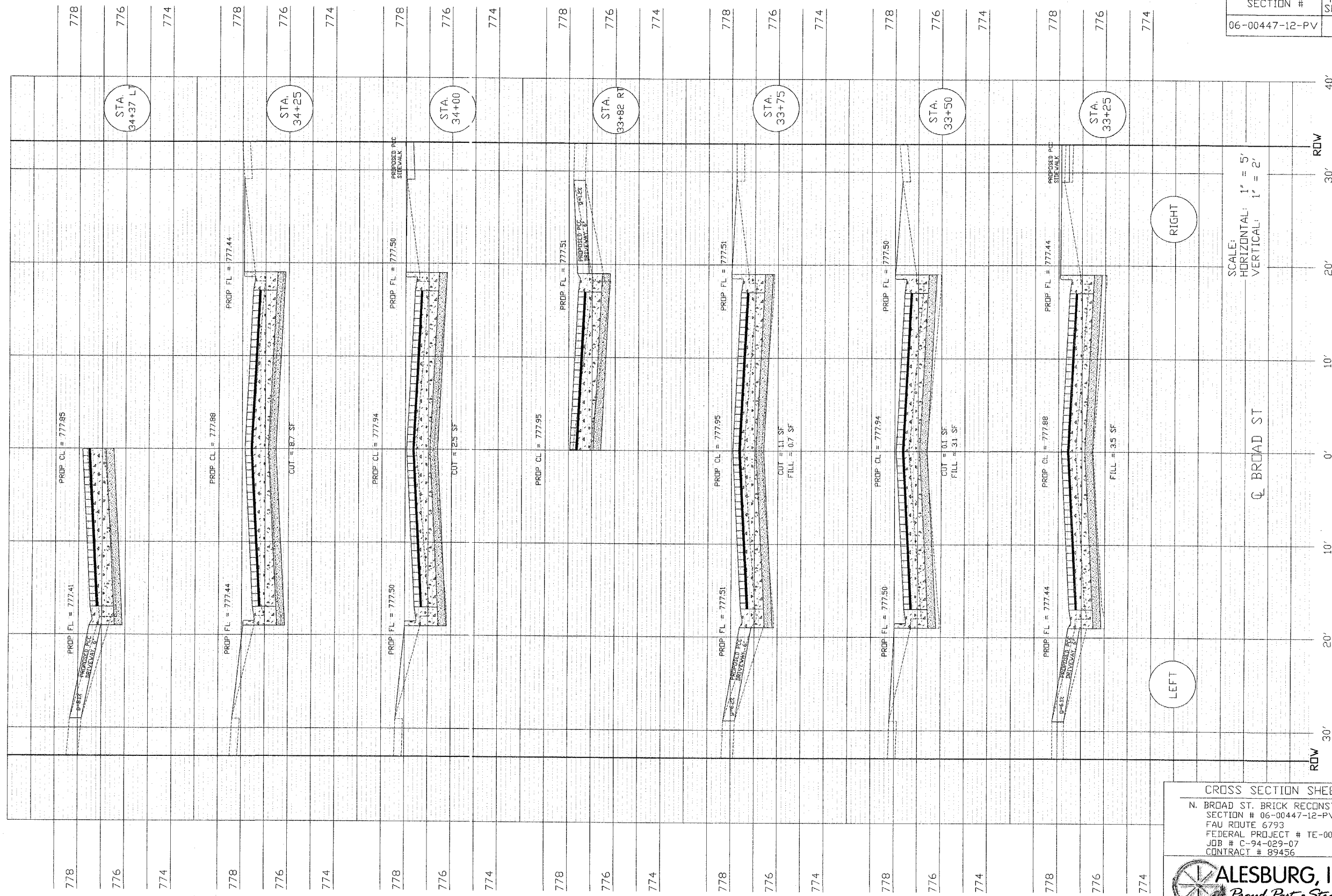
LEFT

RIGHT

CROSS SECTION SHEET 18
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



SECTION #	TOTAL SHEETS	SHEET NO.
06-00447-12-PV	50	40



SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: 1" = 2'

CL BROAD ST

RIGHT

LEFT

CROSS SECTION SHEET 19
N. BROAD ST. BRICK RECONSTRUCTION
SECTION # 06-00447-12-PV
FAU ROUTE 6793
FEDERAL PROJECT # TE-00D4(097)
JOB # C-94-029-07
CONTRACT # 89456



GENERAL NOTES:

- ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE EXACT LOCATION AND DEPTH OF UTILITIES, INCLUDING ANY EXPLORATORY EXCAVATION THAT MAY BE NECESSARY. FOR UTILITY INFORMATION CALL J.U.L.I.E. 1-800-892-0123.
- ALL WATER MAIN AND RELATED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
- ANY ROAD, DRIVEWAY, SIDEWALK AND RELATED REPLACEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL STATE AND LOCAL ORDINANCES AND SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO INITIATING CONSTRUCTION. WATER TAP AND WATER SERVICE LINE PERMITS ARE NOT REQUIRED FOR THIS PROJECT. HOWEVER, ALL SERVICE LINES WILL NEED TO BE INSTALLED BY A LICENSED PLUMBER AND INSPECTED BY THE CITY PLUMBING INSPECTOR. A 24 HOUR ADVANCE NOTICE SHALL BE REQUIRED FOR INSPECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PIPING MEASUREMENTS AND LAYOUT, AND SHALL VERIFY COMPATIBILITY OF NEW PIPING WITH EXISTING PIPING AT FLANGED, MECHANICAL JOINT, PUSH-ON OR THREADED CONNECTIONS, PROVIDING SUITABLE ADAPTORS AS MAY BE REQUIRED. COST OF ANY AND ALL SUCH ADAPTORS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.
- LOCATION OF RIGHT-OF-WAY IS ONLY APPROXIMATE.
- WHEN EXCAVATING UNDER EXISTING UTILITIES, THE CONTRACTOR SHALL SUPPORT THE EXISTING UTILITY UNTIL BACKFILL AND COMPACTED ARE COMPLETE. BACKFILL AT THESE CROSSINGS SHALL CONSIST OF SELECTED GRANULAR MATERIALS TO ONE FOOT ABOVE THE UTILITY OR IF UNDER PAVEMENTS TO THE BASE OF THE PAVEMENT. THE LOCATION OF TELEVISION CABLE IS NOT SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION AND REPLACEMENT OF ANY CABLE DAMAGED DURING CONSTRUCTION. THESE COSTS SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL FENCES, DRAIN TILES, WATER MAINS, DRAINAGE DITCHES OR OTHER STRUCTURES WHICH MAY BE SEVERED OR DAMAGED, REMOVED, OR INTERFERED WITH DURING CONSTRUCTION MUST BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- PUMPING GROUND WATER AND/OR STORM WATER FROM OPEN TRENCHES IS CONSIDERED INCIDENTAL TO CONSTRUCTION. COST OF ALL PUMPING MUST BE INCLUDED WITH THE COST OF THE PIPE.
- THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATION IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- THE CONTRACTOR SHALL KEEP THE AREA OF CONSTRUCTION FREE OF DEBRIS AND OBJECTIONABLE MATERIALS DURING CONSTRUCTION.
- ALL AREAS DISTURBED DURING CONSTRUCTION, AND NOT PAVED OR CULTIVATED, SHALL BE SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, 1995 EDITION.
- WATER USED BY THE CONTRACTOR TO COMPLETE THE PROPOSED WORK SHALL BE PROVIDED BY THE CITY OF GALESBURG WATER DEPARTMENT. THE CONTRACTOR SHALL COORDINATE ALL WATER USAGE WITH THE CITY'S WATER SUPERINTENDENT. ANY COSTS FOR CITY SUPPLIED WATER SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- WATER MAIN PIPE SHALL BE P.V.C. PRESSURE PIPE IN ACCORDANCE WITH AWWA C900 WITH A DR RATING OF 18, OR LESS, WITH INTEGRAL BELL GASKETED JOINTS MEETING THE REQUIREMENTS OF ASTM F477 AND ASTM D3139.
- WATER MAIN SHALL HAVE 4'-6" MINIMUM COVER FROM FINISH GRADE TO TOP OF PIPE.
- WATER MAIN SHALL BE PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH THE SPECIFICATIONS LISTED ON THE PLANS, THE SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
- TRAFFIC CONTROL SHALL BE AS LISTED IN THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE CONTRACT.
- UNLESS OTHERWISE SHOWN ON THE PLANS, QUANTITIES FOR PAVEMENT REMOVAL, P.C.C. BASE COURSE, 8" AND TRENCH BACKFILL WILL BE BASED ON TABLE 1 (STD. DWG. NO. 2) OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION". ANY BACKFILL OR REPLACEMENT NECESSARY IN EXCESS OF THE QUANTITIES DETERMINED BY TABLE 1 SHALL BE CONSIDERED INCIDENTAL.
- ALL VALVE BOXES SHALL BE CONSTRUCTED SO THAT RIMS ARE FLUSH WITH FINISHED PAVEMENT GRADE.
- ANY PROPERTY DAMAGE OUTSIDE OF EASEMENTS AND RIGHT-OF-WAY LINES SHALL BE REPLACED TO ORIGINAL OR BETTER CONDITION BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL FURNISH AND INSTALL A #12 THIN, SOLID AND INSULATED TRACER WIRE FROM VALVE BOX TO VALVE BOX. THE WIRE SHALL BE BROUGHT UP TO THE INSIDE TOP OF THE VALVE BOX AND SECURELY FASTENED WHERE IT WILL BE READILY ACCESSIBLE FOR LOCATING EQUIPMENT BUT WILL NOT HINDER VALVE OPERATION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL SERVICES AT THE TIME OF CONSTRUCTION.
- SHOULD AN EXISTING SANITARY SEWER SERVICE BE FOUND IN CONFLICT WITH THE PROPOSED WATER MAIN, THE WATER MAIN IS TO BE LOWERED TO PROVIDE A MINIMUM OF 18" OF SEPARATION AND ENCASED A MINIMUM OF 10' ON EITHER SIDE OF THE SEWER SERVICE. ANY ELBOWS, FITTINGS, RESTRAINED JOINTS, ETC., NECESSARY FOR THE VERTICAL ADJUSTMENT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND WILL BE CONSIDERED INCIDENTAL TO THE WATER MAIN ENCASEMENT PAY ITEM.
- NUMEROUS EXISTING WATER SERVICES WILL BE DISCOVERED TO BE GALVANIZED OR LEAD PIPE. THE CONTRACTOR WILL BE REQUIRED TO REPLACE THESE SERVICES FROM THE GALVANIZED OR NEW CURB STOP TO THE EXISTING METER. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE WORK WITH THE ENGINEER AND PROPERTY OWNER. THIS WORK WILL BE PAID FOR AS GALVANIZED OR LEAD SERVICE REPLACEMENT ON A PER FOOT BASIS. A NOMINAL QUANTITY OF 50 FEET PER SERVICE CONNECTION HAS BEEN PROVIDED IN THE CONTRACT. PAYMENT WILL BE MADE ON THE ACTUAL FOOTAGE INSTALLED. REFER TO SPECIAL PROVISIONS.
- ALL LEAD OR GALVANIZED SERVICE LINE REPLACEMENTS SHALL BE PULLED WITH NO OPEN EXCAVATION OFF THE R.O.W. SHOULD PROBLEMS OCCUR, THE REPLACEMENT WILL BE PERFORMED AS DIRECTED BY THE ENGINEER. OFF R.O.W. EXCAVATION, RESTORATIONS, SEEDING, ETC., WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE GALVANIZED OR LEAD SERVICE THAT GETS REPLACED TO THE EXISTING METER IS TO HAVE A NEW METER INSTALLED WITH THE ISOLATION VALVES ON BOTH SIDES OF THE NEW METER. THE NEW METER AND VALVES WILL BE FURNISHED BY THE CITY. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION OF THE METER AND VALVES. ANY ADAPTORS, REDUCERS OR FITTINGS THAT MAY BE NECESSARY FOR THE SERVICE REPLACEMENT OR METER INSTALLATION WILL BE INCIDENTAL TO THE LEAD OR GALVANIZED WATER SERVICE REPLACEMENT OR METER CONNECTION PAY ITEMS, AS THE CASE MAY BE. THE OLD METERS ARE TO BE TURNED OVER TO THE CITY WATER DEPARTMENT. EXISTING METERS MAY BE REUSED AS DETERMINED BY THE CITY WATER DEPARTMENT.
- A NOMINAL QUANTITY OF 20 SQUARE FEET OF SIDEWALK REPLACEMENT HAS BEEN PROVIDED AT EACH NEW CURB STOP INSTALLATION. THE EXISTING SIDEWALK IS TO BE REMOVED AND REPLACED ONLY WHEN NECESSARY TO MAKE THE CONNECTION TO THE EXISTING SERVICE PIPE AND WHEN APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY TO HAVE POLES STABILIZED DURING CONSTRUCTION AS NECESSARY. ALL UTILITY COMPANY COORDINATION AND ALL UTILITY RELOCATIONS SHALL BE INCIDENTAL TO THE CONTRACT.

GENERAL NOTES (CONTINUED):

- DURING THE ROAD CLOSURE FOR EACH STAGE, SIDEWALK ACCESS FOR THE RESIDENTS WILL BE ESSENTIAL. ANY SIDEWALK REMOVED FOR WATER MAIN WORK SHALL HAVE TEMPORARY AGGREGATE SURFACE PLACED UPON COMPLETION OF THE WORK OR AT THE END OF THE DAY, WHICHEVER OCCURS FIRST. PERMANENT SURFACE RESTORATION IS TO BE COMPLETED AS SOON AS PRACTICAL. ALL SIDEWALKS ARE TO BE UNOBSTRUCTED AND IN A USEABLE CONDITION AT THE END OF THE WORK DAY. THE TEMPORARY AGGREGATE SURFACE WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- VALVE REMOVAL, VALVE BOX REMOVAL AND PLUGGING OF THE EXISTING WATER MAIN WILL BE CONSIDERED INCIDENTAL TO CONNECT TO EXISTING WATER MAIN OR FIRE HYDRANTS TO BE REMOVED, AS THE CASE MAY BE.
- SANITARY SEWER SERVICE INFORMATION IS BASED ON TELEVISION RECORDS OF THE EXISTING SEWER MAIN. FROM THE RECORDS, IT IS KNOWN THAT THERE IS AN OPEN SERVICE AT THE MAIN. IT MAY, OR MAY NOT, BE LIVE AND SERVICES MAY, OR MAY NOT, RUN AS SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE SERVICES AND ADJUST THE DEPTH OF THE PROPOSED WATER MAIN AND ENCASE ACCORDINGLY.
- SERVICE CONNECTION AND CURB STOP LOCATIONS ARE SHOWN FOR QUANTITY PURPOSES ONLY. ACTUAL LOCATIONS ARE TO BE COORDINATED WITH THE RESIDENT ENGINEER, WATER DEPARTMENT AND THE CITY PLUMBING INSPECTOR TO BEST SUIT ACTUAL FIELD CONDITIONS AND MAINTAINING SEPARATION FROM SEWERS.
- EXISTING SERVICES THAT THE TYPE OF PIPE IS QUESTIONABLE OR UNKNOWN, HAVE BEEN ASSUMED TO BE GALVANIZED FOR QUANTITY PURPOSES.
- WHEN THE WATER SERVICE IS CONNECTED TO THE NEW CURB STOP, THE EXISTING SERVICE IS TO BE CRIMPED OR PLUGGED AND THE EXISTING CURB STOP BOX IS TO BE REMOVED.
- THE WATER SERVICE CONNECTION AND CURB STOPS DESIGNATED FOR FUTURE CONNECTION ARE TO BE INSTALLED WITHOUT A CURB STOP BOX. THE CURB STOP BOX IS TO BE FURNISHED AND DELIVERED TO THE CITY WATER DEPARTMENT.
- THE CONTRACTOR MUST PERFORM ALL WORK REQUIRING A DISRUPTION IN WATER SERVICE SO THAT THE OUTAGE IS LIMITED TO A MAXIMUM OF FOUR (4) HOURS.
- FOR THE RESIDENTS THAT THE LEAD OR GALVANIZED WATER SERVICE IS BEING REPLACED, THE CURB STOP AND BOX IS TO BE LOCATED 4.0' FROM THE STREET SIDE OF THE SIDEWALK.

SUMMARY OF QUANTITIES:

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
20800150	TRENCH BACKFILL	CU. YD.	2131
35300300	P.C.C. BASE COURSE, 8"	SQ. YD.	129
40600625	LEVLING BINDER, MM, N50	TON	7.3
40603335	HMA S.C., "D", N50	TON	10.7
44000100	PAVEMENT REMOVAL	SQ. YD.	129
42400100	P.C.C. SIDEWALK, 4"	SQ. FT.	1680
44000600	SIDEWALK REMOVAL	SQ. FT.	1680
56100600	PVC WATER MAIN, 6"	FT.	313
56100700	PVC WATER MAIN, 8"	FT.	2631
56104900	WATER VALVES, 6"	EA.	12
56105000	WATER VALVES, 8"	EA.	6
56400500	FIRE HYDRANTS TO BE REMOVED	EA.	7
56400600	FIRE HYDRANTS	EA.	7
X0323171	6" D.I. ELBOW, 45°	EA.	1
#4001773	6" D.I. ELBOW, 90°	EA.	7
X0325185	6" D.I. TEE	EA.	1
X0325186	8" D.I. TEE	EA.	14
#4001774	SERVICE CONNECTION & CURB STOP, SHORT SIDE, TY. 1	EA.	46
#4001775	SERVICE CONNECTION & CURB STOP, LONG SIDE, TY. 1	EA.	9
#4001776	SERVICE CONNECTION & CURB STOP, LONG SIDE, TY. 2	EA.	30
X0469600	CONNECTION TO EXISTING WATER MAIN	EA.	5
XX003345	WATER MAIN ENCASEMENT	FT.	665
#4001777	LEAD WATER SERVICE REPLACEMENT	FT.	1650
#4001778	GALVANIZED WATER SERVICE REPLACEMENT	FT.	900
#4001779	METER CONNECTION	EA.	75
#4001786	6"x1" TAPPING SLEEVE & VALVE	EA.	1

REQUIRED SEQUENCE FOR STAGED WATER MAIN CONSTRUCTION:

- WATER MAIN CONSTRUCTION SHALL NOT COMMENCE UNTIL THE EXISTING BRICK SURFACE HAS BEEN REMOVED AND SALVAGED.
- INSTALL THE NEW WATER MAIN. SERVICE SADDLES AND CORPORATION STOPS MAY BE INSTALLED WITH THE MAIN. THE MAIN SHALL NOT BE TAPPED AT THIS TIME.
- MAKE CONNECTION(S) REQUIRED TO ENERGIZE THE NEW MAIN, IF NECESSARY.
- FLUSH THE NEW SEGMENT OF WATER MAIN TO REMOVE ANY TRAPPED AIR. CONDUCT THE REQUIRED PRESSURE AND LEAKAGE TESTS UNTIL SATISFACTORY RESULTS ARE OBTAINED.
- CHLORINATE THE NEW WATER MAIN TO A RESIDUAL LEVEL OF NOT LESS THAN 50mg/l.
- AFTER 24 HOURS, THE WATER IN THE MAIN IS TO BE TESTED AND MUST HAVE A MINIMUM RESIDUAL OF 25mg/l.
- THE TEST SEGMENT IS THEN TO BE FLUSHED UNTIL THE CHLORINE LEVELS ARE NOT IN EXCESS OF THAT IN THE DISTRIBUTION SYSTEM. ONLY THEN CAN THE REQUIRED BACTERIOLOGICAL SAMPLES BE TAKEN.
- AFTER SATISFACTORY BACTERIOLOGICAL TESTING, THE SERVICE CONNECTIONS AND CURB STOPS ARE TO BE INSTALLED AND THE NEW MAIN TAPPED. IF THE EXISTING SERVICE IS TO REMAIN (COPPER OR PLASTIC PIPE), IT MAY BE CONNECTED AT THIS TIME.
- THE INSTALLATION OF THE SERVICE CONNECTIONS AND CURB STOPS IS TO PROGRESS FROM SOUTH TO NORTH REGARDLESS OF WHICH SIDE THEY ARE ON.
- ONCE ALL SERVICE CONNECTIONS AND CURB STOPS ARE INSTALLED, REPLACE THE GALVANIZED OR LEAD PIPE SERVICES.
- MAKE SIDE STREET CONNECTIONS TO THE NEW MAIN, IF ANY, AND MAKE ANY DISCONNECTIONS NECESSARY TO RETIRE IN PLACE THE OLD WATER MAIN, INCLUDING ANY VALVE OR VALVE BOX OR HYDRANT REMOVALS AND PLUGGING OF EXISTING PIPES.
- REPEAT THE SEQUENCE FOR EACH STAGE.

RTE. NO.	SEC.	COUNT.	TOTAL SHEETS	SHEET NO.
F.A.U.	6793	KM	50	43

*06-00447-12-PV
TE-0004(09) 89 456



I HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS, AND THAT THESE ENGINEERING DOCUMENTS WERE PREPARED UNDER MY DIRECT PERSONAL SUPERVISION. THIS CERTIFICATION APPLIES TO SHEETS NUMBERED 43 THROUGH 50 OF THIS PLANSET.

DATED AT GALESBURG, ILLINOIS, THIS 15TH DAY OF DECEMBER, 2006.

BY *Stephen M. Bruner*
STEPHEN M. BRUNER
ILLINOIS PROFESSIONAL ENGINEER NO. 40386
LICENSE RENEWAL DATE: 11/30/2007

Bruner, Cooper & Zuck, Inc.
 Consulting Engineers
 Structural Engineers
 Land Surveyors
 PROFESSIONAL DESIGN FIRM
 P.O. Box 1519
 Galesburg, Illinois 61602-1519
 E-Mail: info@brunercorp.com
 Phone: (309) 343-9702
 Fax: (309) 343-9373

GENERAL NOTES
 WATER MAIN REPLACEMENT FOR
 NORTH BROAD STREET BRICK RECONSTRUCTION
 LOSEY STREET TO FREMONT STREET
 GALESBURG, ILLINOIS

REVISION:
 DRAWN: PCG
 CHECKED: SRB
 APPROVED: SMR
 FILE NAME: GeneralNotes.DWG

JOB NO.
260198
 SHEET NO.
43
 OF 50 SHEETS
 12/15/2006

SCHEDULE OF QUANTITIES:

TRENCH BACKFILL

Table with columns for STAGE, STA. (e.g., 9+55 TO STA. 9+83, LT.), CU.YD., and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

P.C.C. BASE COURSE, 8"

Table with columns for STAGE, STA. (e.g., 9+55 TO STA. 9+83, LT.), SQ.YD., and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

LEVELING BINDER, MM, N50

Table with columns for STAGE, STA. (e.g., 9+55 TO STA. 9+83, LT.), TON, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

H.M.A. S.C., "D", N50

Table with columns for STAGE, STA. (e.g., 9+55 TO STA. 9+83, LT.), TON, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

PAVEMENT REMOVAL

Table with columns for STAGE, STA. (e.g., 9+55 TO STA. 9+83, LT.), SQ.YD., and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

P.V.C. WATER MAIN, 6"

Table with columns for STAGE, STA. (e.g., 9+59 TO 9+80, LT.), FOOT, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

P.V.C. WATER MAIN, 8"

Table with columns for STAGE, STA. (e.g., 9+70 TO STA. 15+12), FOOT, and SUBTOTAL. Includes STAGE I, II, and III.

SCHEDULE OF QUANTITIES:

P.V.C. WATER MAIN, 8" (CONT.)

Table with columns for STAGE, STA. (e.g., 24+75 TO STA. 30+37), SUBTOTAL, and TOTAL P.V.C. WATER MAIN, 8". Includes STAGE IV and V.

WATER VALVES, 6"

Table with columns for STAGE, STA. (e.g., 9+86, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

WATER VALVES, 8"

Table with columns for STAGE, STA. (e.g., 9+82, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

FIRE HYDRANTS TO BE REMOVED

Table with columns for STAGE, STA. (e.g., 9+82, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

FIRE HYDRANTS

Table with columns for STAGE, STA. (e.g., 9+86, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

6" D.I. ELBOW, 45°

Table with columns for STAGE, STA. (e.g., 19+56, LT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

6" D.I. ELBOW, 90°

Table with columns for STAGE, STA. (e.g., 15+32, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

8" x 6" D.I. TEE

Table with columns for STAGE, STA. (e.g., 9+70, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SCHEDULE OF QUANTITIES:

8" x 6" D.I. TEE (CONT.)

Table with columns for STAGE, STA. (e.g., 35+73, RT.), SUBTOTAL, and TOTAL 8" x 6" D.I. TEE. Includes STAGE V.

6" x 6" D.I. TEE

Table with columns for STAGE, STA. (e.g., 36+00, RT.), SUBTOTAL, and TOTAL 6" x 6" D.I. TEE. Includes STAGE V.

SERVICE CONNECTION & CURB STOP, SHORT SIDE, TY. 1

Table with columns for STAGE, STA. (e.g., 10+05, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SERVICE CONNECTION & CURB STOP, SHORT SIDE, TY. 1

Table with columns for STAGE, STA. (e.g., 25+20, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SERVICE CONNECTION & CURB STOP, SHORT SIDE, TY. 1

Table with columns for STAGE, STA. (e.g., 30+60, RT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SERVICE CONNECTION & CURB STOP, LONG SIDE, TY. 1

Table with columns for STAGE, STA. (e.g., 10+44, LT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SERVICE CONNECTION & CURB STOP, LONG SIDE, TY. 2

Table with columns for STAGE, STA. (e.g., 10+44, LT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SERVICE CONNECTION & CURB STOP, LONG SIDE, TY. 2

Table with columns for STAGE, STA. (e.g., 24+76, LT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

SCHEDULE OF QUANTITIES:

CONNECTION TO EXISTING WATER MAIN (CONT.)

Table with columns for STAGE, STA. (e.g., 15+32, RT.), SUBTOTAL, and TOTAL CONNECTION TO WATER MAIN. Includes STAGE II, III, and V.

WATER MAIN ENCASEMENT

Table with columns for STAGE, STA. (e.g., 9+81 TO STA. 9+80, LT.), FOOT, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

LEAD WATER SERVICE REPLACEMENT

Table with columns for STAGE, STA. (e.g., 10+44, LT.), FOOT, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

GALVANIZED WATER SERVICE REPLACEMENT

Table with columns for STAGE, STA. (e.g., 10+08, RT.), FOOT, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns: RTE. NO., SEC., COUNTY, TOTAL SHEETS, SHEET NO. Values: F.A.U., 5793, KNOX, 50, 44.

*06-00447-12-TE-0004(097) 89456

SCHEDULE OF QUANTITIES:

METER CONNECTION (BY ADDRESS)

Table with columns for STAGE, ADDRESS (e.g., 619 N. BROAD ST.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for STAGE, ADDRESS (e.g., 789 N. BROAD ST.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for STAGE, ADDRESS (e.g., 915 N. BROAD ST.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for STAGE, ADDRESS (e.g., 1003 N. BROAD ST.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for STAGE, ADDRESS (e.g., 1105 N. BROAD ST.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for STAGE, ADDRESS (e.g., 1119 N. BROAD ST.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for STAGE, ADDRESS (e.g., 13+15, LT.), EACH, and SUBTOTAL. Includes STAGE I, II, III, IV, and V.

Table with columns for NOMINAL QUANTITIES INCLUDED IN CONTRACT, ITEM (e.g., SIDEWALK REMOVAL), and QUANTITY (e.g., 1680 SQ.YD.).

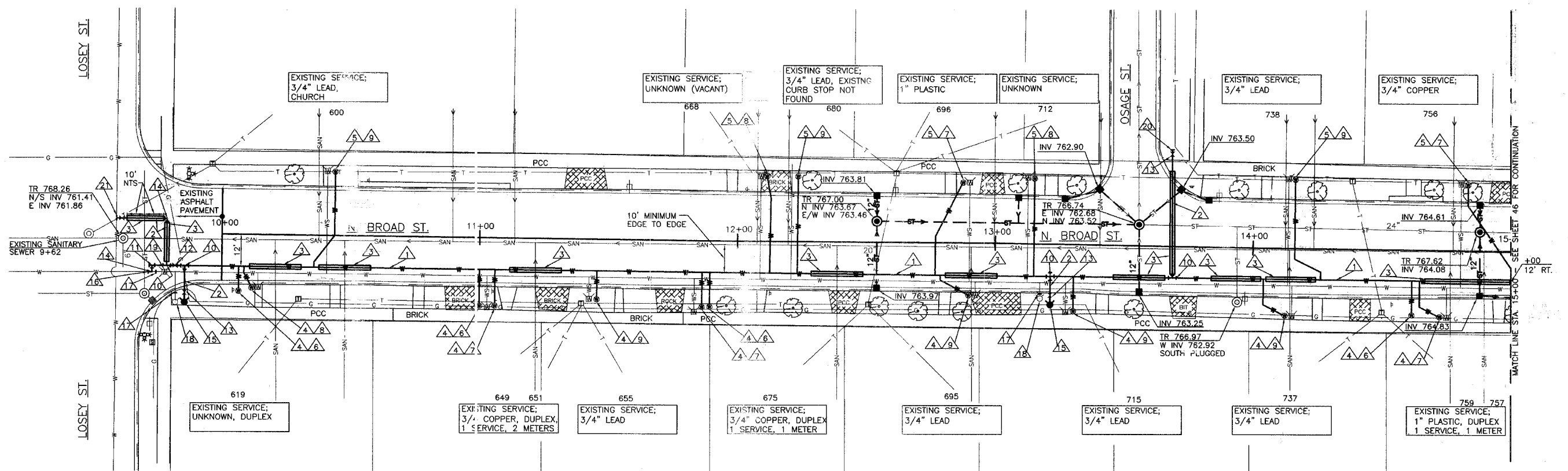
Vertical sidebar containing project title 'WATER MAIN REPLACEMENT FOR NORTH BROAD STREET BRICK RECONSTRUCTION LOSEY STREET TO FREMONT STREET GALESBURG, ILLINOIS', company logo 'Brunner, Cooper & Zuck, Inc.', and job details like JOB NO. 260198 and SHEET NO. 44.



RTE. NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6793	*	KNOX	50	45

*06-00447-12-PV
TE-0004(097)

89486



1 PLAN - N. BROAD STREET WATER MAIN

45 SCALE: 1"=20'

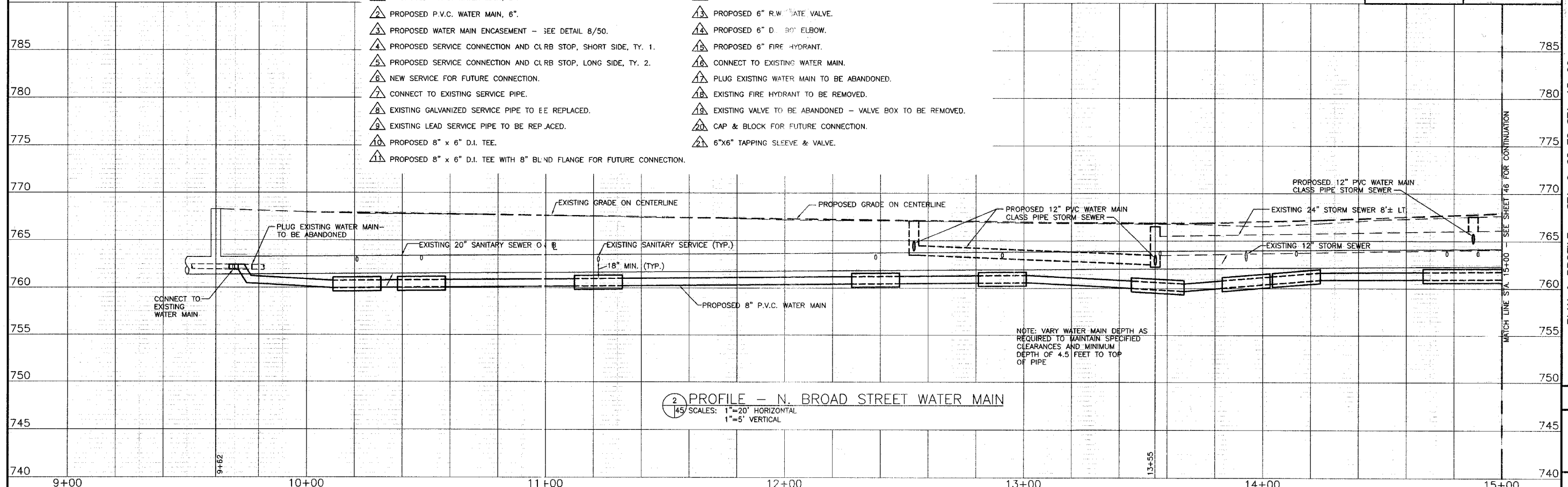
NOTES (THIS SHEET ONLY):

- 1. PROPOSED P.V.C. WATER MAIN, 8".
- 2. PROPOSED P.V.C. WATER MAIN, 6".
- 3. PROPOSED WATER MAIN ENCASEMENT - SEE DETAIL 8/50.
- 4. PROPOSED SERVICE CONNECTION AND CURB STOP, SHORT SIDE, TY. 1.
- 5. PROPOSED SERVICE CONNECTION AND CURB STOP, LONG SIDE, TY. 2.
- 6. NEW SERVICE FOR FUTURE CONNECTION.
- 7. CONNECT TO EXISTING SERVICE PIPE.
- 8. EXISTING GALVANIZED SERVICE PIPE TO BE REPLACED.
- 9. EXISTING LEAD SERVICE PIPE TO BE REPLACED.
- 10. PROPOSED 8" x 6" D.I. TEE.
- 11. PROPOSED 8" x 6" D.I. TEE WITH 8" BLND FLANGE FOR FUTURE CONNECTION.

NOTES (THIS SHEET ONLY):

- 12. PROPOSED 8" R.W. RATE VALVE.
- 13. PROPOSED 6" R.W. RATE VALVE.
- 14. PROPOSED 6" D. 90° ELBOW.
- 15. PROPOSED 6" FIRE HYDRANT.
- 16. CONNECT TO EXISTING WATER MAIN.
- 17. PLUG EXISTING WATER MAIN TO BE ABANDONED.
- 18. EXISTING FIRE HYDRANT TO BE REMOVED.
- 19. EXISTING VALVE TO BE ABANDONED - VALVE BOX TO BE REMOVED.
- 20. CAP & BLOCK FOR FUTURE CONNECTION.
- 21. 6"x6" TAPPING SLEEVE & VALVE.

BENCH MARK #2: NE BOLT ON HYDRANT STATION 09+80±, RT. ELEV. 770.20	BENCH MARK #3: E-NE BOLT ON HYDRANT STATION 13+25±, RT. ELEV. 769.25
--	--



2 PROFILE - N. BROAD STREET WATER MAIN

45 SCALES: 1"=20' HORIZONTAL
1"=5' VERTICAL

NOTE: VARY WATER MAIN DEPTH AS REQUIRED TO MAINTAIN SPECIFIED CLEARANCES AND MINIMUM DEPTH OF 4.5 FEET TO TOP OF PIPE

REVISIONS
 DRAWN: FCC
 CHECKED: SRB
 APPROVED: SWB
 FILE NAME: P&P1.DWG
Brunner, Cooper & Zuck, Inc.
 Consulting Engineers
 Structural Engineers
 Land Surveyors
 188 East Simmons Street
 P.O. Box 1519
 Galesburg, Illinois 61601-1519
 Phone: (309) 941-0292
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 E-Mail: bcz@brunncopcoz.com



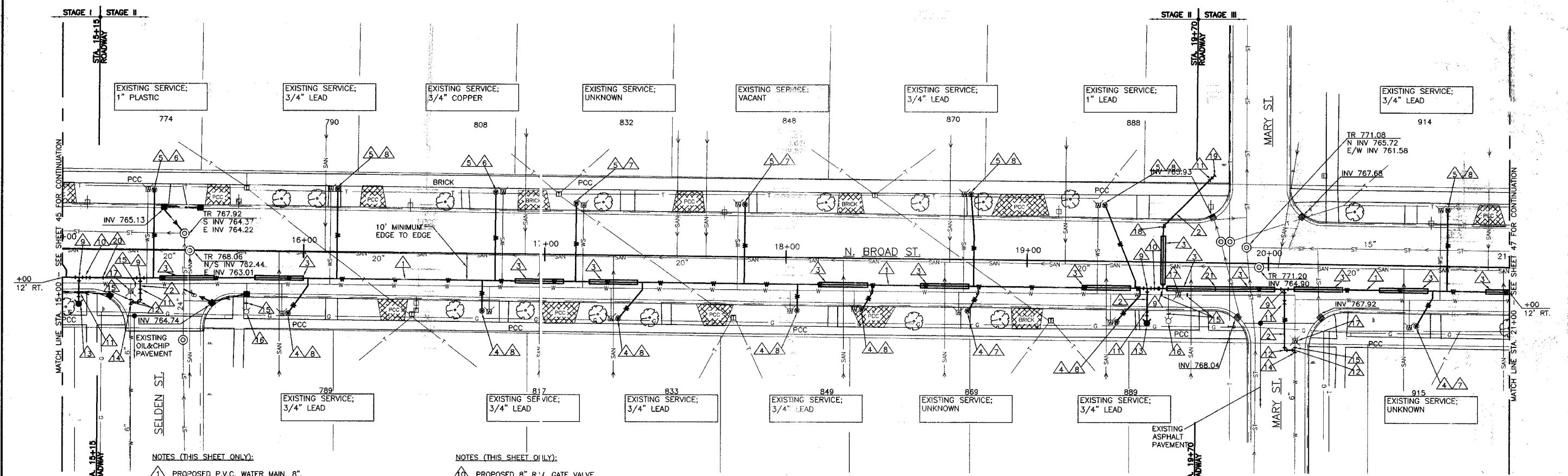
PLAN & PROFILE - STA. 9+62 TO STA. 15+00
 WATER MAIN REPLACEMENT FOR
 NORTH BROAD STREET BRICK RECONSTRUCTION
 LOSEY STREET TO FREMONT STREET
 GALESBURG, ILLINOIS

JOB NO.
260198
 SHEET NO.
45
 OF 50 SHEETS
 12/15/2006

RTE. NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
6293	4	KNOX	50	46

*06-00447-12-PV
TE-0004(097)

89456



NOTES (THIS SHEET ONLY):

- 1. PROPOSED P.V.C. WATER MAIN, 8".
- 2. PROPOSED P.V.C. WATER MAIN, 6".
- 3. PROPOSED WATER MAIN ENCASEMENT - SEE DETAIL 8/50.
- 4. PROPOSED SERVICE CONNECTION AND CURB STOP, SHORT SIDE, TY. 1.
- 5. PROPOSED SERVICE CONNECTION AND CURB STOP, LONG SIDE, TY. 2.
- 6. CONNECT TO EXISTING SERVICE PIPE.
- 7. EXISTING GALVANIZED SERVICE PIPE TO BE REPLACED.
- 8. EXISTING LEAD SERVICE PIPE TO BE REPLACED.
- 9. PROPOSED 8" x 6" D.I. TEE.

NOTES (THIS SHEET ONLY):

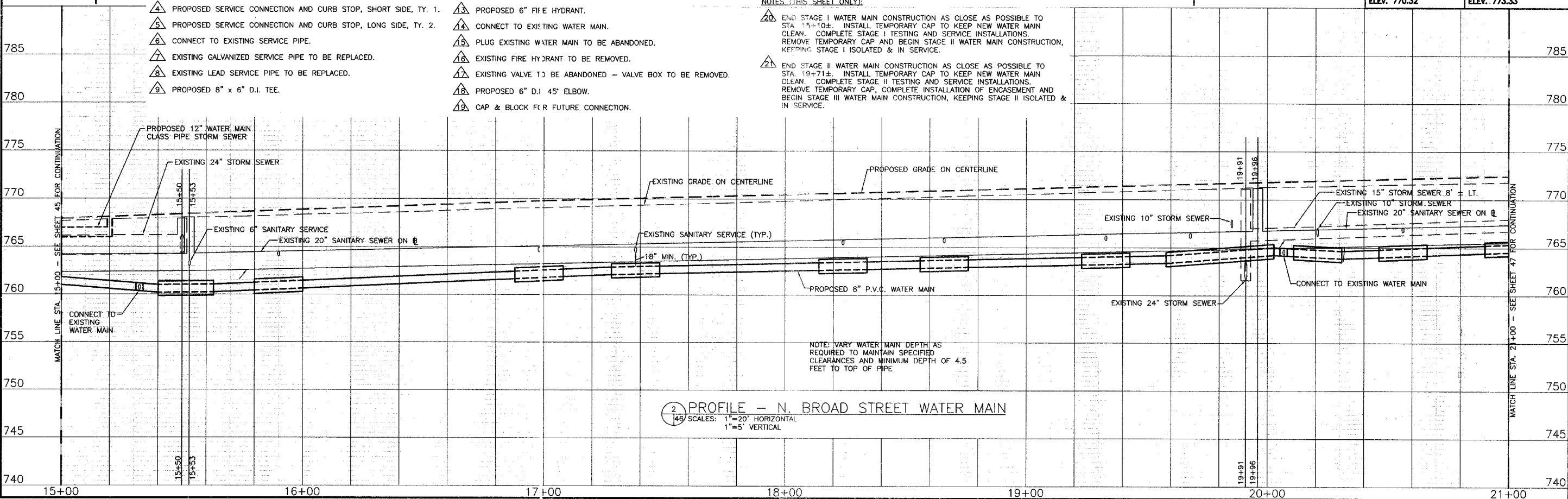
- 10. PROPOSED 8" R.I. GATE VALVE.
- 11. PROPOSED 6" R.I. GATE VALVE.
- 12. PROPOSED 6" D.I. 90° ELBOW.
- 13. PROPOSED 6" FIRE HYDRANT.
- 14. CONNECT TO EXISTING WATER MAIN.
- 15. PLUG EXISTING WATER MAIN TO BE ABANDONED.
- 16. EXISTING FIRE HYDRANT TO BE REMOVED.
- 17. EXISTING VALVE TO BE ABANDONED - VALVE BOX TO BE REMOVED.
- 18. PROPOSED 6" D.I. 45° ELBOW.
- 19. CAP & BLOCK FOR FUTURE CONNECTION.

1 PLAN - N. BROAD STREET WATER MAIN
SCALE: 1"=20'

NOTES (THIS SHEET ONLY):

- 20. END STAGE I WATER MAIN CONSTRUCTION AS CLOSE AS POSSIBLE TO STA. 15+10±. INSTALL TEMPORARY CAP TO KEEP NEW WATER MAIN CLEAN. COMPLETE STAGE I TESTING AND SERVICE INSTALLATIONS. REMOVE TEMPORARY CAP AND BEGIN STAGE II WATER MAIN CONSTRUCTION, KEEPING STAGE I ISOLATED & IN SERVICE.
- 21. END STAGE II WATER MAIN CONSTRUCTION AS CLOSE AS POSSIBLE TO STA. 19+71±. INSTALL TEMPORARY CAP TO KEEP NEW WATER MAIN CLEAN. COMPLETE STAGE II TESTING AND SERVICE INSTALLATIONS. REMOVE TEMPORARY CAP, COMPLETE INSTALLATION OF ENCASEMENT AND BEGIN STAGE III WATER MAIN CONSTRUCTION, KEEPING STAGE II ISOLATED & IN SERVICE.

BENCH MARK #4: NW BOLT ON HYDRANT STATION 15+75±, RT. ELEV. 770.32	BENCH MARK #5: NORTH BOLT ON HYDRANT STATION 19+80±, RT. ELEV. 773.33
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2 PROFILE - N. BROAD STREET WATER MAIN
SCALE: 1"=20' HORIZONTAL
1"=5' VERTICAL

REVISIONS

NO.	DATE	DESCRIPTION

DRAWN: PCC
CHECKED: SRB
APPROVED: SMB
FILE NAME: P&P2.DWG

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Professional Engineer
Professional Surveyor
Professional Design Firm
Professional Land Surveyor
Professional Engineer
Professional Surveyor
Professional Engineer
Professional Surveyor
Professional Engineer
Professional Surveyor

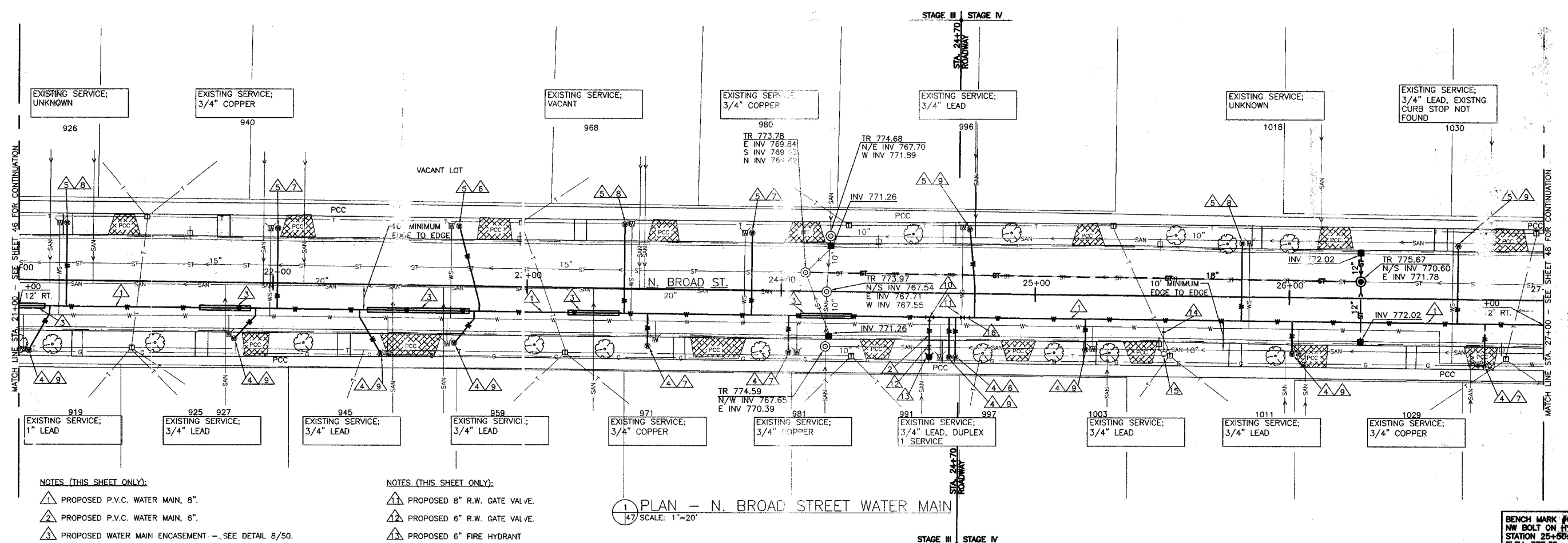
PLAN & PROFILE - STA. 15+00 TO STA. 21+00
WATER MAIN REPLACEMENT FOR
NORTH BROAD STREET BRICK RECONSTRUCTION
LOSEY STREET TO FREMONT STREET
GALESBURG, ILLINOIS

JOB NO.
260198

SHEET NO.
46

OF 50 SHEETS

12/15/2006



NOTES (THIS SHEET ONLY):

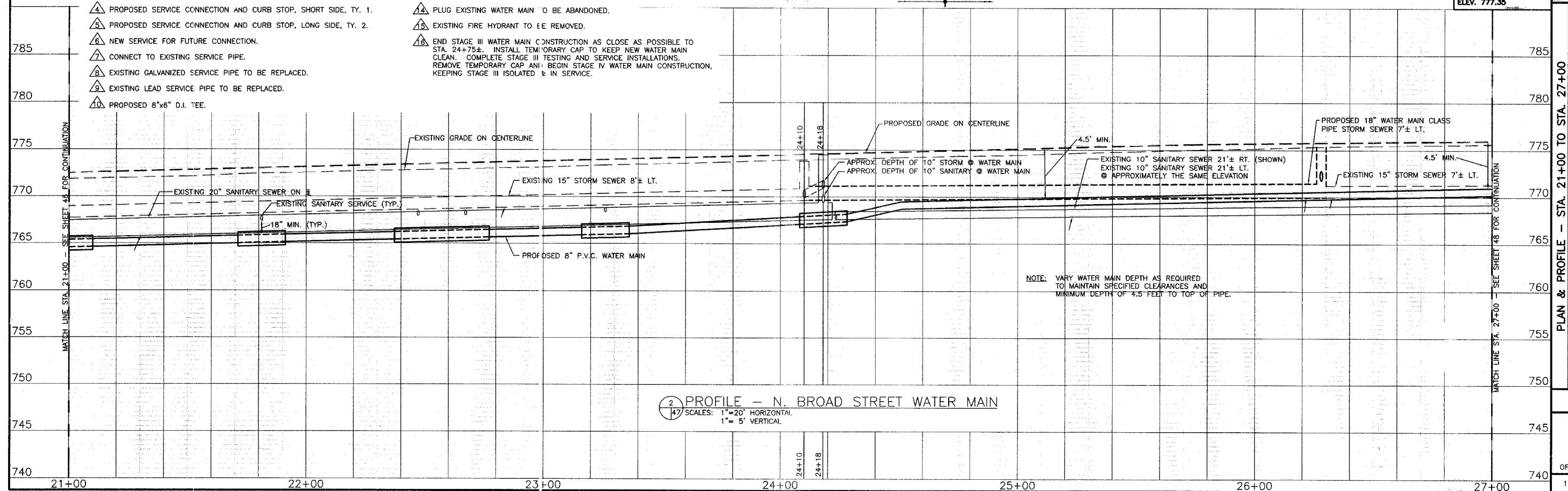
- 1 PROPOSED P.V.C. WATER MAIN, 8".
- 2 PROPOSED P.V.C. WATER MAIN, 6".
- 3 PROPOSED WATER MAIN ENCASUREMENT - SEE DETAIL 8/50.
- 4 PROPOSED SERVICE CONNECTION AND CURB STOP, SHORT SIDE, TY. 1.
- 5 PROPOSED SERVICE CONNECTION AND CURB STOP, LONG SIDE, TY. 2.
- 6 NEW SERVICE FOR FUTURE CONNECTION.
- 7 CONNECT TO EXISTING SERVICE PIPE.
- 8 EXISTING GALVANIZED SERVICE PIPE TO BE REPLACED.
- 9 EXISTING LEAD SERVICE PIPE TO BE REPLACED.
- 10 PROPOSED 8"x6" D.I. TEE.

NOTES (THIS SHEET ONLY):

- 11 PROPOSED 8" R.W. GATE VALVE.
- 12 PROPOSED 6" R.W. GATE VALVE.
- 13 PROPOSED 6" FIRE HYDRANT
- 14 PLUG EXISTING WATER MAIN TO BE ABANDONED.
- 15 EXISTING FIRE HYDRANT TO BE REMOVED.
- 16 END STAGE III WATER MAIN CONSTRUCTION AS CLOSE AS POSSIBLE TO STA. 24+75±. INSTALL TEMPORARY CAP TO KEEP NEW WATER MAIN CLEAN. COMPLETE STAGE III TESTING AND SERVICE INSTALLATIONS. REMOVE TEMPORARY CAP AND BEGIN STAGE IV WATER MAIN CONSTRUCTION, KEEPING STAGE III ISOLATED & IN SERVICE.

1 PLAN - N. BROAD STREET WATER MAIN
SCALE: 1"=20'

BENCH MARK #6:
NW BOLT ON HYDRANT
STATION 25+50±, RT.
ELEV. 777.35



2 PROFILE - N. BROAD STREET WATER MAIN
SCALE: 1"=20' HORIZONTAL, 1"=5' VERTICAL

REVISIONS

DRAWN: PCC
CHECKED: SRB
APPROVED: SMB
FILE NAME: P&P3.DWG

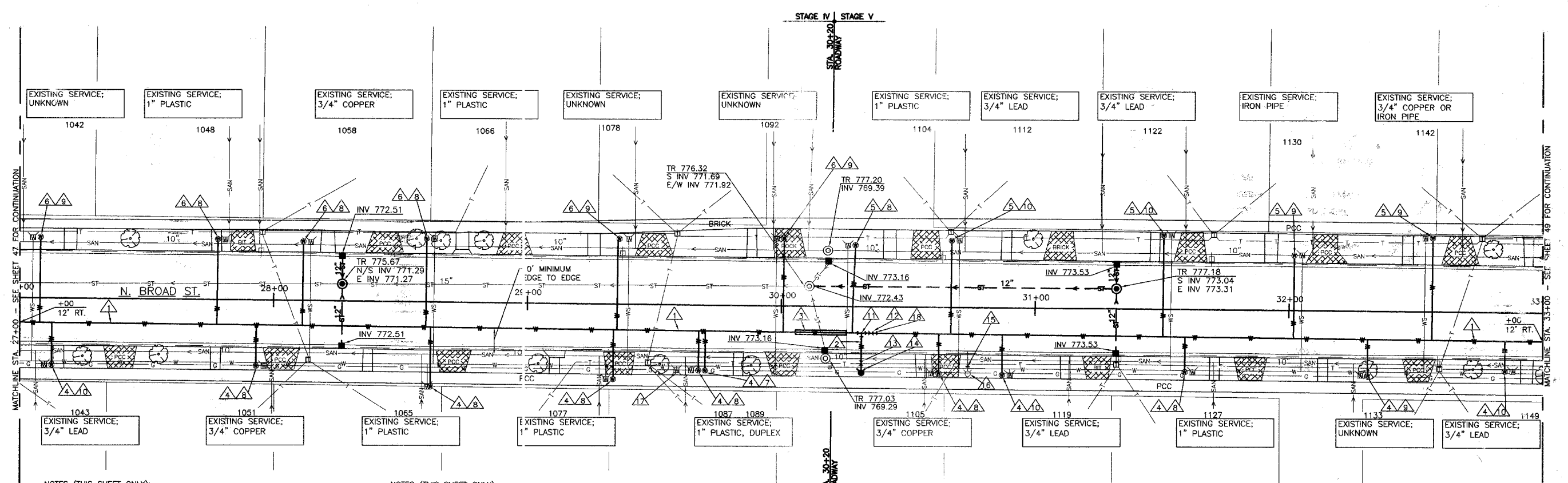
Bruner, Cooper & Zuck, Inc.
Structural Engineers
Consulting Engineers
Land Surveyors
Professional Design Firm
188 East Simmons Street
P.O. Box 1519
Galesburg, Illinois 61602-1519
Phone: (309) 343-2982
Fax: (309) 343-5372
E-Mail: brcooper@brcooper.com

PLAN & PROFILE - STA. 21+00 TO STA. 27+00
WATER MAIN REPLACEMENT FOR
NORTH BROAD STREET BRICK RECONSTRUCTION
LOSEY STREET TO FREMONT STREET
GALESBURG, ILLINOIS

JOB NO.
260198
SHEET NO.
47
OF 50 SHEETS
12/15/2006

RTE. NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FA.U. 6793	*	KNOX	50	48

*06-00447-12-SPV
TE-0004(087) 89456



NOTES (THIS SHEET ONLY):

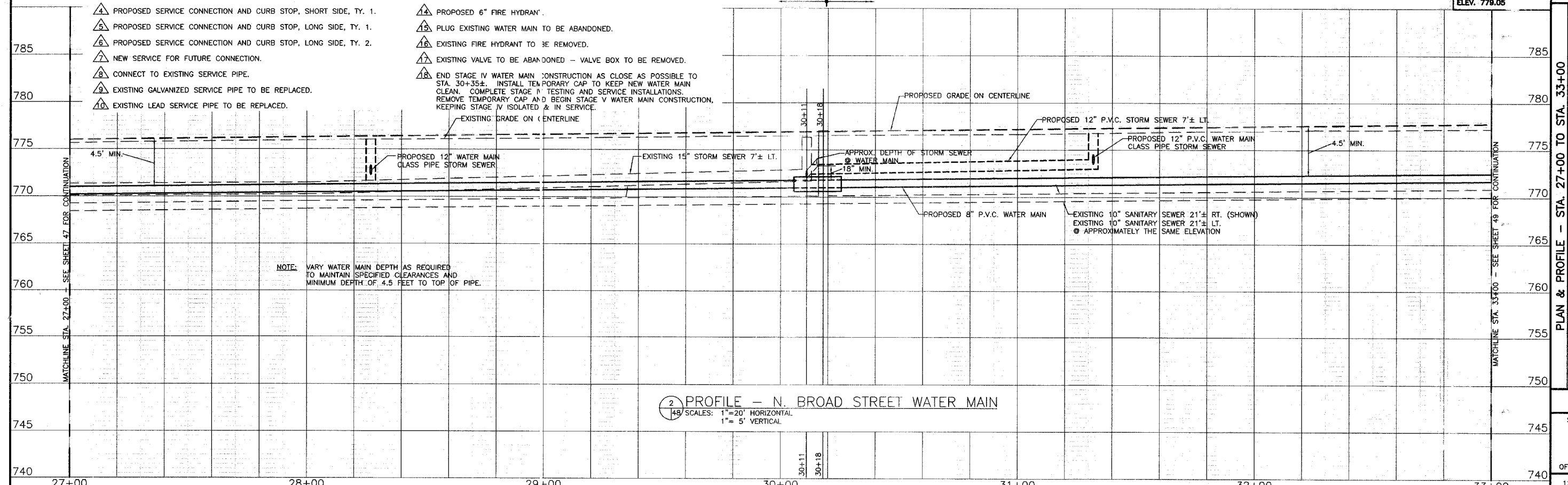
- 1. PROPOSED P.V.C. WATER MAIN, 8".
- 2. PROPOSED P.V.C. WATER MAIN, 6".
- 3. PROPOSED WATER MAIN ENCASEMENT SEE DETAIL 8/50.
- 4. PROPOSED SERVICE CONNECTION AND CURB STOP, SHORT SIDE, TY. 1.
- 5. PROPOSED SERVICE CONNECTION AND CURB STOP, LONG SIDE, TY. 1.
- 6. PROPOSED SERVICE CONNECTION AND CURB STOP, LONG SIDE, TY. 2.
- 7. NEW SERVICE FOR FUTURE CONNECTION.
- 8. CONNECT TO EXISTING SERVICE PIPE.
- 9. EXISTING GALVANIZED SERVICE PIPE TO BE REPLACED.
- 10. EXISTING LEAD SERVICE PIPE TO BE REPLACED.

NOTES (THIS SHEET ONLY):

- 11. PROPOSED 8"x6" D.I. TEE.
- 12. PROPOSED 8" R.W. GATE VA.VE.
- 13. PROPOSED 6" R.W. GATE VA.VE.
- 14. PROPOSED 6" FIRE HYDRANT.
- 15. PLUG EXISTING WATER MAIN TO BE ABANDONED.
- 16. EXISTING FIRE HYDRANT TO BE REMOVED.
- 17. EXISTING VALVE TO BE ABANDONED - VALVE BOX TO BE REMOVED.
- 18. END STAGE IV WATER MAIN CONSTRUCTION AS CLOSE AS POSSIBLE TO STA. 30+35±. INSTALL TEMPORARY CAP TO KEEP NEW WATER MAIN CLEAN. COMPLETE STAGE IV TESTING AND SERVICE INSTALLATIONS. REMOVE TEMPORARY CAP AND BEGIN STAGE V WATER MAIN CONSTRUCTION. KEEPING STAGE IV ISOLATED & IN SERVICE.

1 PLAN - N. BROAD STREET WATER MAIN
SCALE: 1"=20'

BENCH MARK #7:
N-NW BOLT ON HYDRANT
STATION 30+7± RT.
ELEV. 779.05



NOTE: VARY WATER MAIN DEPTH AS REQUIRED TO MAINTAIN SPECIFIED CLEARANCES AND MINIMUM DEPTH OF 4.5 FEET TO TOP OF PIPE.

2 PROFILE - N. BROAD STREET WATER MAIN
SCALE: 1"=20' HORIZONTAL
1"=5' VERTICAL

REVISIONS

DRAWN: PCG
CHECKED: SRB
APPROVED: SMG

FILE NAME: P&P-4.DWG

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BCZ
REGISTERED PROFESSIONAL ENGINEERS

PLAN & PROFILE - STA. 27+00 TO STA. 33+00
WATER MAIN REPLACEMENT FOR
NORTH BROAD STREET BRICK RECONSTRUCTION
LOSEY STREET TO FREMONT STREET
GALESBURG, ILLINOIS

JOB NO.
260198

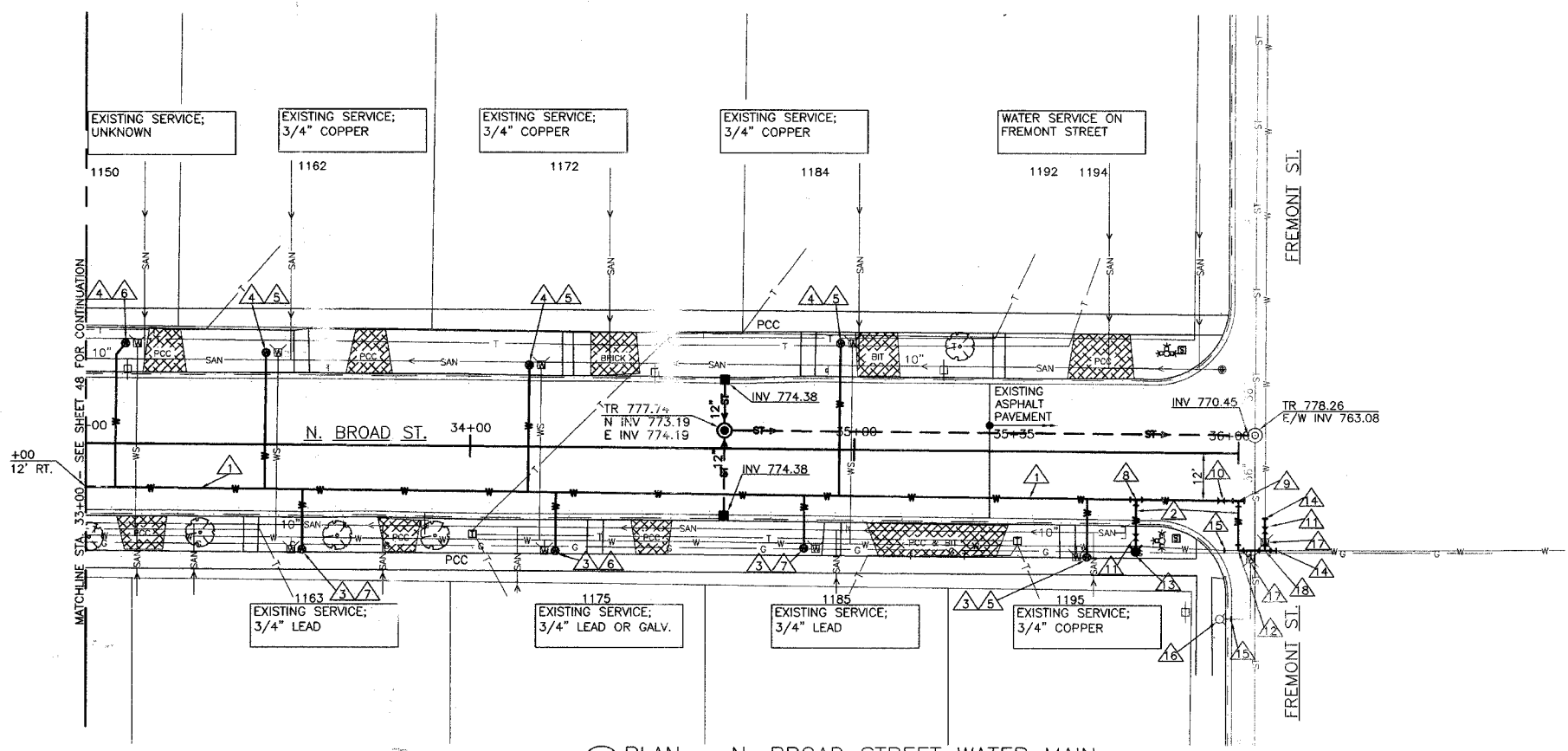
SHEET NO.
48

OF 50 SHEETS

12/15/2006

RTE. NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6793		KNOX	50	49

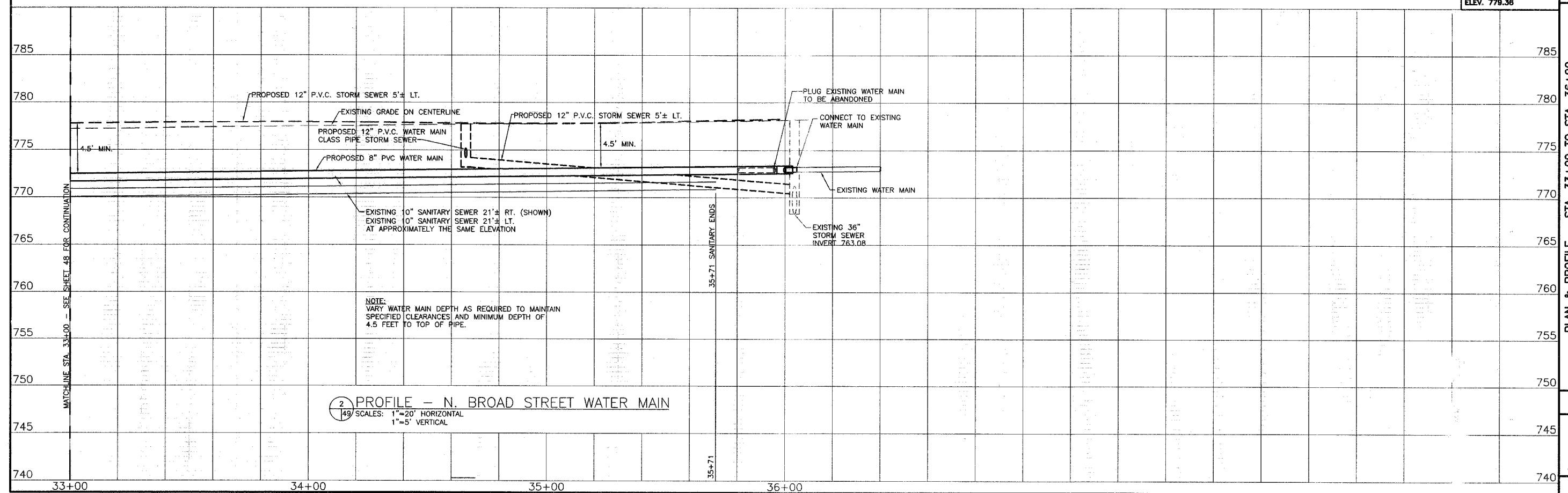
06-00447
TE-0004(097)
89454



1 PLAN - N. BROAD STREET WATER MAIN
SCALE: 1"=20'

- NOTES (THIS SHEET ONLY):
- 1. PROPOSED P.V.C. WATER MAIN, 8".
 - 2. PROPOSED P.V.C. WATER MAIN, 6".
 - 3. PROPOSED SERVICE CONNECTION AND CURB STOP, SHORT SIDE, TY. 1.
 - 4. PROPOSED SERVICE CONNECTION AND CURB STOP, LONG SIDE, TY. 1.
 - 5. CONNECT TO EXISTING SERVICE PIPE.
 - 6. EXISTING GALVANIZED SERVICE PIPE TO BE REPLACED.
 - 7. EXISTING LEAD SERVICE PIPE TO BE REPLACED.
 - 8. PROPOSED 8" x 6" D.I. TEE.
 - 9. PROPOSED 8" x 6" D.I. TEE WITH 8" BLIND END FOR FUTURE CONNECTION.
 - 10. PROPOSED 8" R.W. GATE VALVE.
 - 11. PROPOSED 6" R.W. GATE VALVE.
 - 12. PROPOSED 6" D.I. 90° ELBOW.
 - 13. PROPOSED 6" FIRE HYDRANT.
 - 14. CONNECT TO EXISTING WATER MAIN.
 - 15. PLUG EXISTING WATER MAIN TO BE ABANDONED.
 - 16. EXISTING FIRE HYDRANT TO BE REMOVED.
 - 17. EXISTING VALVE TO BE REMOVED.
 - 18. PROPOSED 6" x 6" D.I. TEE.

BENCH MARK #6:
SW BOLT ON HYDRANT
STATION 35+95±, RT.
ELEV. 779.36



2 PROFILE - N. BROAD STREET WATER MAIN
SCALE: 1"=20' HORIZONTAL
1"=5' VERTICAL

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REVISIONS

DRAWN	PCG
CHECKED	SRB
APPROVED	SMB
APPROVED	

Land Surveyors
PROFESSIONAL LICENSE NO. 194-003833

PLAN & PROFILE - STA. 33+00 TO STA. 36+00
WATER MAIN REPLACEMENT FOR
NORTH BROAD STREET BRICK RECONSTRUCTION
LOSEY STREET TO FREMONT STREET
GALESBURG, ILLINOIS

JOB NO.
260198

SHEET NO.
49

OF 50 SHEETS

RTE. NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6793	*	KNOX	50	50

*06-00447-12-PV
TE-0004(097)

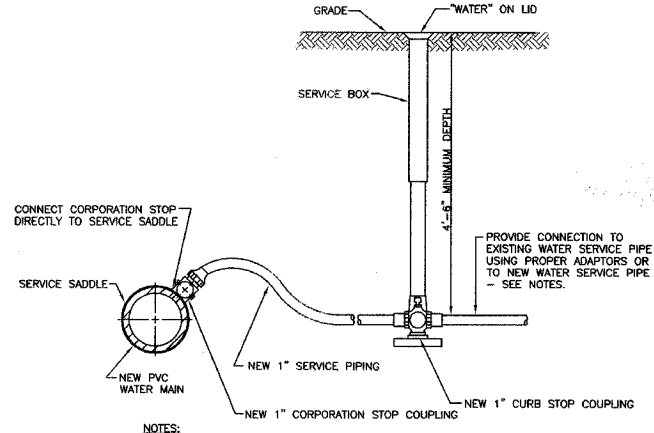
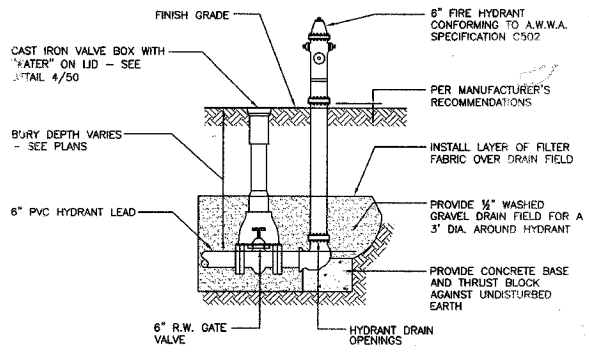
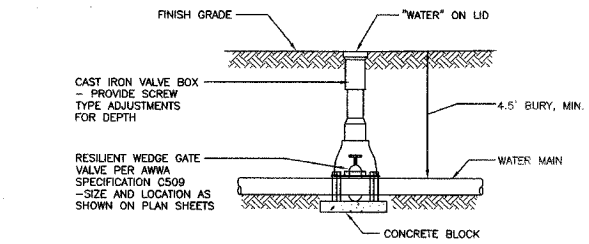
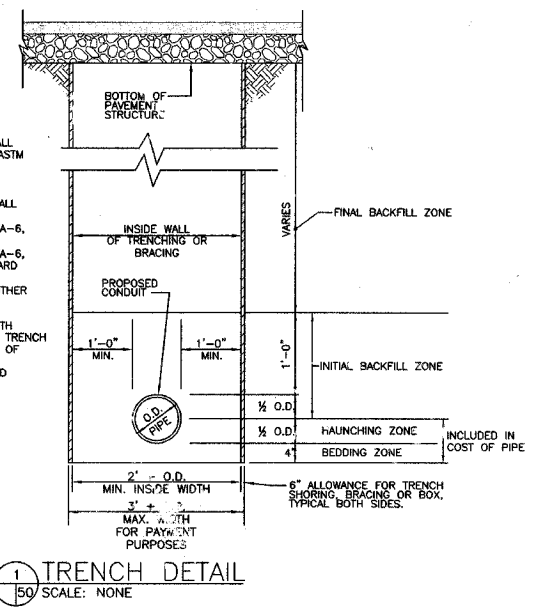
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NOTES (THIS DETAIL ONLY)

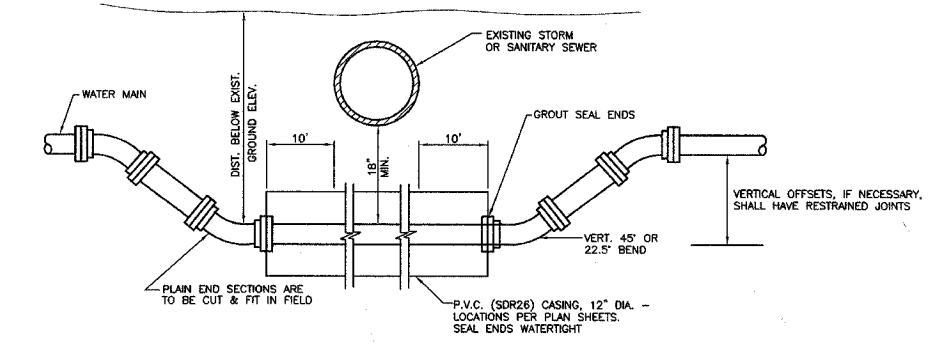
1. FOR PVC PIPE CONSTRUCTION:

- a. BEDDING & HAUNCHING ZONES SHALL CONSIST OF ROCK, CLASS IA PER ASTM D-2321, (DOT GRADATION CA-7) COMPACTED IN PLACE.
- b. INITIAL & FINAL BACKFILL ZONE SHALL CONSIST OF:
 - 1) COMPACTED BACKFILL SAND FA-6, UNDER NEW PAVEMENT.
 - 2) COMPACTED BACKFILL SAND FA-6, UNDER OTHER UTILITIES OR HARD SURFACED AREAS.
 - 3) EXCAVATED MATERIAL IN ALL OTHER AREAS.

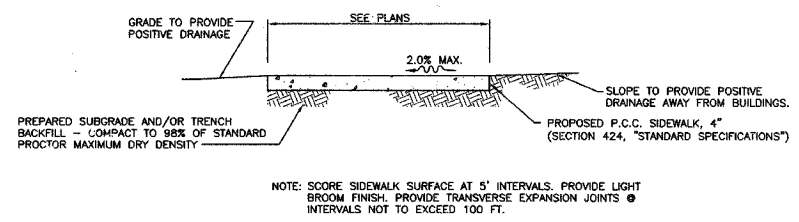
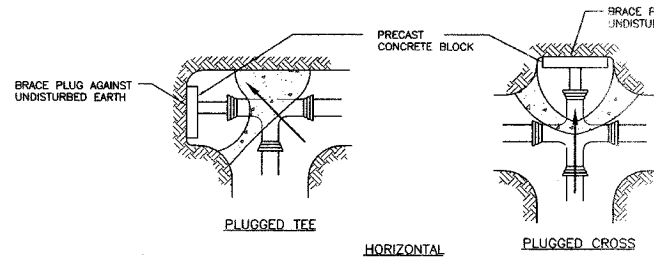
- 2. ALL TRENCHES SHALL BE BACKFILLED WITH COMPACTED SAND BACKFILL, WHERE THE TRENCH IS LOCATED BENEATH OR WITHIN 2 FEET OF PAVEMENTS, CURBS OR SIDEWALKS. SEE PROJECT SPECIFICATIONS FOR COMPACTED BACKFILL REQUIREMENTS.



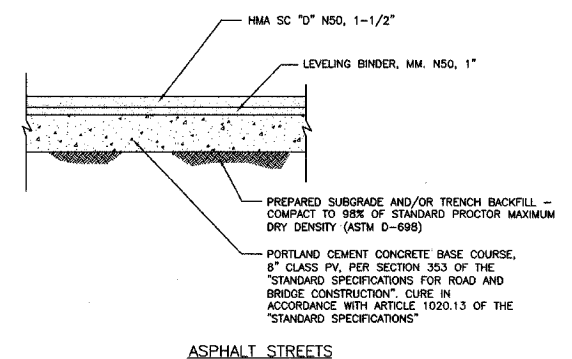
- NOTES:
1. ADAPTORS NEEDED TO CONNECT NEW CURB STOP TO EXISTING WATER SERVICE PIPING SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE SERVICE CONNECTION & CURB STOP, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
 2. 1" MINIMUM DIAMETER SERVICE IS SHOWN IN THIS DETAIL. PROVIDE OTHER LARGER SIZES OF CORPORATION STOP, CURB STOP AND SERVICE PIPING AS MAY BE DIRECTED BY THE ENGINEER.



- NOTES:
- FOUR ALL THRUST BLOCKS AGAINST UNDISTURBED EARTH.
 - ARROWS INDICATE DIRECTION OF THRUST.
 - ALL BLOCKS TO BE 4000 P.S.I. CONCRETE.
 - ALL FITTINGS SHOWN IN PLAN.



NOTE: SCORE SIDEWALK SURFACE AT 5' INTERVALS. PROVIDE LIGHT BROOM FINISH. PROVIDE TRANSVERSE EXPANSION JOINTS @ INTERVALS NOT TO EXCEED 100 FT.



ASPHALT STREETS

REVISIONS

DRAWN: PCG	CHECKED: SRB	APPROVED: SMB
FILE NAME: DETAIL1.DWG		

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DETAILS

WATER MAIN REPLACEMENT FOR NORTH BROAD STREET BRICK RECONSTRUCTION
LOSEY STREET TO FREMONT STREET
GALESBURG, ILLINOIS

JOB NO. 260198
SHEET NO. 50
OF 50 SHEETS
12/ 5/2008